HONDA
POWER PRODUCTS

GENERATOR

EU65iS

PARTS CATALOGUE

1

13Z25701

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EU65iS

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ENGINE GROUP 2

FRAME GROUP 3

PART NUMBER INDEX 4

PART NAME INDEX 5

Instruction for use of parts catalogue

- **This parts catalogue was prepared based on the latest information available as of February 10, 2007.**
  - See the parts catalogue news for any revision that is made after February 10, 2007.
- **Always specify the part number when ordering a part.**
  - Check the model, type, serial numbers, color, maker, and the size as needed before ordering a part.
  - Note that the illustrations (part drawings) can differ from the actual parts in shape.
    They are given just to help you to refer to the parts.
- **When modifications or additions to this parts catalogue are made, a revised edition will be issued at an appropriate time, with successively progressing revision numbers on the cover. We recommend obtaining such revisions in order to keep your parts catalogue up-to-date at all times. To check whether a parts catalogue revision has been issued, please contact your Honda distributor.**

Initial version issue date February 10, 2007
Honda Motor Co., Ltd.

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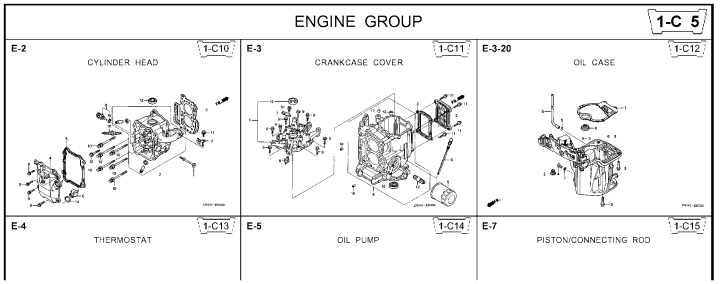
How to refer to the part information

Ⓐ Reference with “Illustrated index”



Ⓑ Reference with “Part number index”

PART NO. INDEX

Part Number	Address	Page	Ref.
06000			
06316-ZW9-000	1-G9	88	1
11000			
11300-ZW9-405	1-C11	27	1
11300-ZW9-406	1-C11	27	1
11340-ZW9-000	1-C11	27	2
11342-ZW9-000	1-C11	27	3
11381-ZW9-003	1-C12	28	1
12000			
12000-ZW9-405ZA	1-C11	27	4
12155-ZV4-A00	1-C13	29	1
12166-ZW9-000	1-C10	26	1
12209-GB4-681	1-C16	32	1
12210-ZW9-405ZA	1-C10	26	2
12216-ZE2-300	1-E8	55	1
	1-E11	58	1
15212-ZW9-000	1-C14	30	
15220-ZW9-003	1-C14	30	
15332-ZW9-000	1-E8	55	
15332-ZW9-A30	1-E11	58	
15400-PFB-004	1-C11	27	
15422-ZW9-000	1-C14	30	
15473-881-000	1-C14	30	
15474-ZW9-000	1-C14	30	
15611-921-000	1-C10	26	
15655-ZW9-000	1-C11	27	
16000			
16010-ZV4-005	1-D4	36	
16011-ZV4-005	1-D4	36	
16013-ZW9-003	1-D4	36	
16016-ZW9-003	1-D4	36	
16016-ZW9-721	1-D4	36	
16023-ZW9-003	1-D4	36	
16024-ZV4-650	1-D4	36	
16028-ZV4-650	1-D4	36	

Ⓒ Reference with “Part name index”

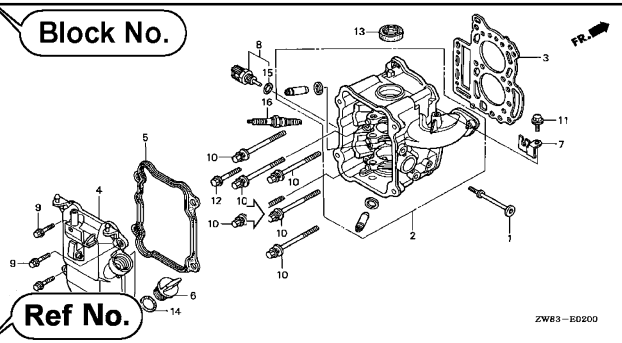
PART NAME INDEX

Part name	Address	Page	Ref.	
[A]				BOLT ,
ABSORBER ,FUEL	1-E15	62	5	
ARMATURE COMP.	1-D11	43	7	BOLT ,
ARM COMP. ,LINK JOINT	1-G6	85	18	BOLT ,
ARM COMP. ,SHIFT LINK	1-G6	85	14	BOLT ,
ARM COMP. ,TILT	1-F15	79	20	
ARM ,FUEL PUMP ROCKER	1-C16	32	4	
ARM ,REVERSE LOCK	1-F15	79	18	
ARM ,SHIFT LINK	1-F11	74	7	
ARM ,STOPPER	1-D1	33	12	BOLT ,
ARM ,THROTTLE REMOTE	1-F11	74	6	
ARM ,VALVE ROCKER	1-C16	32	3	
[B]				
BAG ,TOOL ,160MM	1-G5	84	10	
BAND	1-G6	86	37	
BAND B1,WIRE	1-F6	69	1	
BAND ,CORD	1-F3	67	18	BOLT ,
BAND ,TUBE CLIP ,11MM	1-E15	63	20	
BAND ,TUBE CLIP ,12.5MM	1-E15	63	19	BOLT ,

Address No.

E-2 CYLINDER HEAD 1-C10

Block No.



Service item	F.R.T.
O-RING, 26X2.7	0.1
.PLUG, SPARK	
O-RING, 9.5X1.5	0.2
.SENSOR ASSY., WATER TEMPERATURE	
COVER COMP., HEAD	0.3
.PACKING, HEAD COVER	
GASKET, CYLINDER HEAD	1.8
OIL SEAL, 20X32X6	2.4
HEAD COMP., CYLINDER	3.1

Ref. No.

Ref. No.	Part No.	Description	Reqd. QTY BF 9.9D1	BFP 9.9D1	BF 10D1	BFP 10D1	BF 10B1	BFP 10B1	Serial No.	Parts catalogue code
1	12166-ZW9-000	STOPPER, ENGINE SIDE	2	2	2	2	2	2		
2	12210-ZW9-000ZA	HEAD COMP., CYLINDER *NH8*.....DARK GRAY	1	1	1	1	1	1		
3	12251-ZW9-003	GASKET, CYLINDER HEAD	1	1	1	1	1	1		
4	12310-ZW9-000	COVER COMP., HEAD	1	1	1	1	1	1		
5	12312-ZW9-000	PACKING, HEAD COVER	1	1	1	1	1	1		
6	15611-921-000	CAP, OIL (NO GAUGE)	1	1	1	1	1	1		
7	16617-ZW9-000	HOLDER, CABLE	1	1	1	1	1	1	-------- --------	SC,SG
	16617-ZW9-010		1	1	1	1	1	1	-------- 1001800	LHC,LHD
			1	1	1	1	1	1	1001801 --------	LHC,LHD
8	35673-ZW5-003	SENSOR ASSY., WATER TEMPERATURE	1	1	1	1	1	1		
9	90003-ZW9-000	BOLT, FLANGE, 6X22	4	4	4	4	4	4		
10	90007-ZW9-003	BOLT, FLANGE, 8X83	6	6	6	6	6	6		
11	90011-ZW9-000	BOLT, FLANGE, 6X14(CT200)	1	1	1	1	1	1		
12	90020-ZW9-000	BOLT, FLANGE, 8X40	2	2	2	2	2	2		
13	91202-K19-003	OIL SEAL, 20X32X6	1	1	1	1	1	1		
14	91301-805-000	O-RING, 26X2.7	1	1	1	1	1	1		
15	91307-PK2-005	O-RING, 9.5X1.5(HONDA KIKAKI)	1	1	1	1	1	1		
16	98059-55916	PLUG, SPARK (CR5EH-9)	2	2	2	2	2	2		
	98059-55926	PLUG, SPARK (U16FER9)	2	2	2	2	2	2		

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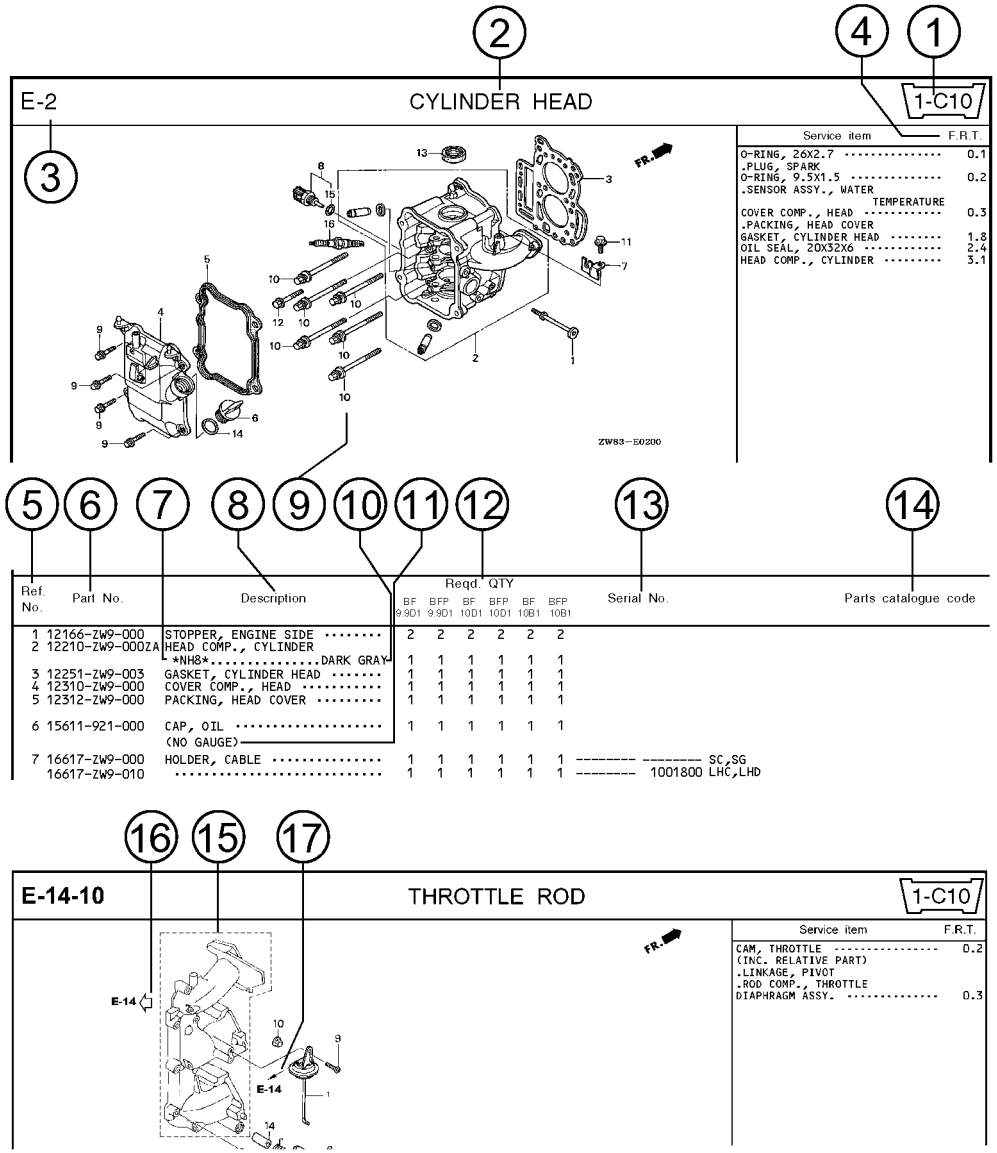
Page No.

2000.09.20 E

Part catalogue structure



①Address number
- Address No. is provided (in place of the page No.) to help you refer to the part with the part No. or part name.

②Block title ③Block number

④Service item/Flat rate time

⑤Reference number
- Title number marked with the parenthesis or parentheses indicates that it continues from the previous page.

⑥Part number ⑦Honda color code

⑧Description

⑨Assemblies
- Sections framed with broken lines in the exploded view drawings are available as complete assemblies. (Their individual parts can also be obtained.)

⑩Color description

⑪Note
- Notes are shown with the parentheses in the part name column.

⑫Required quantity
- Required QTY shown in the parenthesis or parentheses indicates the optional part.
- Required QTY marked with “N” Indicates the optional part that should be selected as needed.
- Required QTY indicates the number of the part used in the block.

⑬Serial number

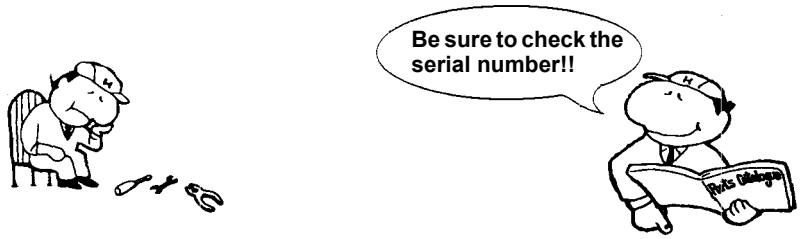
⑭Type
- When the type column is blank, it indicates that the part is applicable to all types.
- As the type of the actual unit may differ from the “parts catalogue, type” please refer to “Models, types and applicable serial numbers” for confirmation.

⑮ [ ]
- Parts enclosed within a dotted line [ ] are covered in a different block.

⑯ ⇦
- A hollow arrow ⇦ indicates the block No. for the parts enclosed within a dotted line [ ] .

⑰ ←
- A solid arrow ← indicates the block No. the part in question is connected to.

When the parts were revised



Ref. No.	Part No.	Description	Reqd. QTY BF 9.9D1	BFP 9.9D1	BF 10D1	BFP 10D1	BF 10B1	BFP 10B1	Serial No.
1	12166-ZW9-000	STOPPER, ENGINE SIDE ·····	2	2	2	2	2	2	
2	12210-ZW9-000ZA	HEAD COMP., CYLINDER *NH8*.....DARK GRAY	1	1	1	1	1	1	
3	12251-ZW9-003	GASKET, CYLINDER HEAD ·····	1	1	1	1	1	1	
4	12310-ZW9-000	COVER COMP., HEAD ·····	1	1	1	1	1	1	
5	12312-ZW9-000	PACKING, HEAD COVER ·····	1	1	1	1	1	1	
6	15611-921-000	CAP, OIL ····· (NO GAUGE)	1	1	1	1	1	1	
7	16617-ZW9-000	HOLDER, CABLE (###)·····	1	1	1	1	1	1	------- ------- SC,SG
	16617-ZW9-010	·····	1	1	1	1	1	1	------- 1001800 LHC,LHD
			1	1	1	1	1	1	1001801 ------- LHC,LHD

The number has been used from the initial model without revision.

When shown at the left side, it is applicable to the models of No.1001801 and the subsequent numbers.

When shown at the right side, it is applicable to the models up to No.1001800.

- The parts listed with "###" at the end of the parts name have limited supply period (parts not for sale).

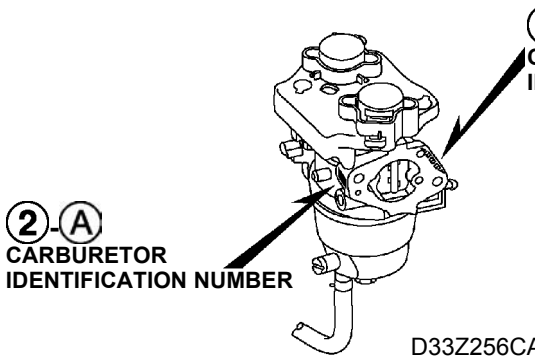
Abbreviations used in the parts catalogue

- **The following abbreviations are used in the parts name column.**

A ..... Ampere
A.C. ..... Alternating current
ASSY. .... Assembly
AT. ..... Automatic transmission
C.D.I. ..... Capacitive discharge ignition
COMP. ... Complete
D.C. ..... Direct current
EX. ..... Exhaust
G.F.C.I ... Ground fault circuit interruptor
HEX. ..... Hexagonal
H.S.T. .... Hydrostatic transmission
FR. .....Front
IN. .....Inlet
L (100L) .Link (100 Links)
L. .....Left
MM .....Millimeter
MT. .....Manual Transmission
P.T.O. .....Power take off
R. .....Right
RR. .....Rear
STD. .....Standard
T (22T) ...Tooth (22 Teeth)
V .....Volt
W .....Watt

How to check the part block and serial numbers

Part block	Engine parts E-2~	Carburetor parts E-14	Frame parts F-2~
Numbers needed	Stamped engine number	Stamped carburetor identification number	Stamped frame number
Check point	①	②	③



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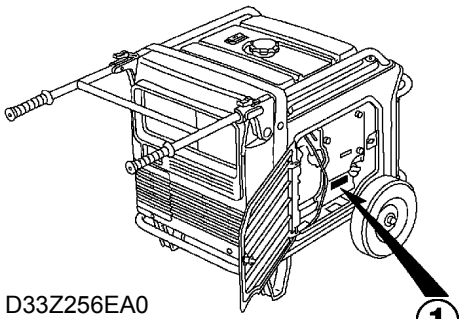

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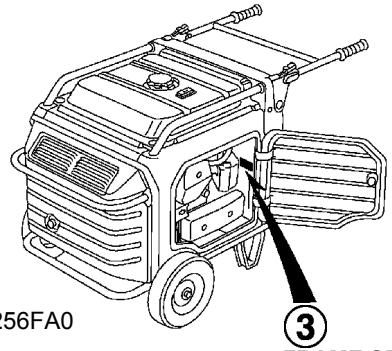
① TYPE
ENGINE SERIAL NUMBER



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③ FRAME SERIAL NUMBER

Models, parts catalogue codes and applicable serial numbers

• **Models, parts catalogue codes and applicable serial Nos. given in this parts catalogue can be identified as follows.**

Model	Type	Parts catalogue type	Engine		Applicable engine serial No.	Applicable frame serial No.	Applicable carburetor identification No.
			Model	Type			
EU65iS	L	L	GX390K1	EZ5	GCAA-3400001~	EASJ-1000001~	BE89G A
	R	R					
	SK	SK					
	U	U					

* Of carburetor identification numbers, only the portions underlined in the example below are used for registration.

BE 89G A KC ナ
Ⓐ Ⓑ

Features of each type

• **See the following table for the features of each type. (Items in brackets are optional)**

Specifications \ Model / Type		EU65iS			
		L	R	SK	U
Frequency	50Hz		●		●
	60Hz	●		●	
Voltage	120V / 240V	●			
	220V		●	●	
	240V				●
Consent plug	15A / 125V	●			
	20A / 250V		●		
Remote control box	10m	(●)	(●)		(●)
	20m	(●)	(●)	(●)	(●)
	30m	(●)	(●)	(●)	(●)

Fuel hose, general purpose hoses and vinyl hose

- The standard part fuel hose, general purpose hose and vinyl hose may be substituted by the coiled bulk part.
- When ordering the standard part fuel hose, general purpose hose and vinyl hose use the bulk part number written in the parts catalog in brackets ( ) underneath the part name.
- When exchanging the hose, cut and use at the specified length as mentioned in the part name.
  (For the method of cutting the bulk part, and method of filling out orders etc., please refer to the instructions issued with the bulk part.)

Bulk part number of fuel hose, general purpose hose and vinyl hose.

Example: 9 5 0 0 1 - 7 5 0 0 1 - 5 0 M

Bulk part number:
Refers to the bulk part.

Marking code (fuel hose and general purpose hose)
Change code (Vinyl hose)
Indicates number mark or change sequence, however, the code for the bulk part must be strictly 0 (zero).

Types of code:

• Fuel hose	2: Red outside braid (3 mm inside dia. only)	• General hose	1: Ash gray	• Vinyl hose	1: Clear
	5: Black inside braid		2: Ash gray		2: Black
	3: Red (3 mm inside dia. only)		3: Black		3: Light red
	4: Ash gray with red stripe (3 mm inside dia. only)		5: Black		6: Light red
	6: Black				7: Pale black

Lengths:
001: 1 m (standard)
003: 3 m
008: 8 m
} Application or specification of some parts is not settled.

I.D code: (fuel hose and general purpose hose)

30: 3.0 mm	50: 5.0 mm	70: 7.0 mm	11: 11 mm	12: 12 (outside dia. 17) mm
35: 3.5 mm	55: 5.3 mm, 5.5 mm	75: 7.3 mm, 7.5 mm	91: 12 (outside dia. 15) mm	14: 14 mm
45: 4.5 mm	65: 6.5 mm	80: 8.0 mm	92: 12 (outside dia. 16) mm	17: 17 mm

ID./OD. code: (vinyl hose)

01: ID. 2.9, OD. 6.8 mm	12: ID. 5.0, OD. 7.0 mm	21: ID. 8.0, OD. 9.0 mm	37: ID. 11.0, OD. 15.0 mm	50: ID. 16.0, OD. 19.0 mm
03: ID. 3.0, OD. 6.0 mm	10: ID. 5.0, OD. 8.0 mm	23: ID. 8.0, OD. 12.0 mm	38: ID. 12.0, OD. 13.0 mm	55: ID. 17.5, OD. 20.5 mm
05: ID. 3.5, OD. 6.5 mm	11: ID. 5.0, OD. 9.0 mm	25: ID. 9.0, OD. 11.0 mm	39: ID. 12.0, OD. 14.0 mm	60: ID. 22.0, OD. 27.0 mm
07: ID. 4.0, OD. 7.0 mm	14: ID. 6.0, OD. 9.0 mm	27: ID. 9.0, OD. 13.0 mm	40: ID. 12.0, OD. 16.0 mm	
08: ID. 4.5, OD. 6.5 mm	17: ID. 7.0, OD. 9.0 mm	33: ID. 10.0, OD. 14.0 mm	43: ID. 13.0, OD. 15.0 mm	
09: ID. 4.5, OD. 8.0 mm	19: ID. 7.0, OD. 11.0 mm	36: ID. 11.0, OD. 13.0 mm	45: ID. 14.0, OD. 18.0 mm	

Hose type:
1: Fuel hose
3: Vinyl hose
5: General hose

◎ **CAUTION: It is DANGEROUS to confuse the fuel hose with the general purpose hose or vinyl hose.**
Never use a general purpose hose or vinyl hose in place of a fuel hose or vice versa. Always use the correct bulk part in the parts catalogue, according to the service manual or the instructions issued with the bulk part.

FLAT RATE SERVICE TIME

Flat rate service time (FRT) means the standard time required to service a product, which is listed in this manual to help the dealers control the actual working process and calculate the service charge by using it as a guide.

FRT setting system

- Net service time
  - Removal, Disassembly/reassembly, Installation
  - Inspection, Measurement, Adjustment, Confirmation
  - Diagnosis/troubleshooting (Electric system)
  - Completion inspection
- Float time
  - Preparation (Process check, Confirmation arrangement for necessary tools)
  - Related work (Transfer of products)

* Float time is set by multiplying the net service time by a given coefficient.

Editorial style

The service items shown in the text are listed with the exchange work time for the repair sales parts as the subject. Other representative service items not using repair parts (removal/ installation, adjustment, inspection/measuring, and other work) are listed collectively in the list in the preface, classified according to the work.

FRT setting standard

- Decimal system (in unit of 0.1) is adopted to set FRT as it is convenient to calculate the wage.
  Example: (0.1)→6 minutes, (0.2)→12 minutes
  [Labor cost per hour] x [FRT] = [Wage]
- FRT is set with a hand tool.
- Service items and FRT can be subject to change depending on development of tools and service equipment and improvement in service procedure.

Work procedure

- As the work procedure is set with the work time according to the method in the separate Service Manual, refer to this Manual as required.
- Work methods permitting servicing in the shortest time still permitting assurance of safe work and product warranty are used for the setting of service items not listed in the Service Manual.
- Work basically is to be performed by one person, and when two or more people are required, setting is done as the total time for the number of people.
- The set value for the technological level of the workers uses a person with three years of experience in the repair of Honda products as the standard.
- Special tools and service equipment used to set FRT are those specified or recommended in Service Manual.

Service item whose FRT is not presented

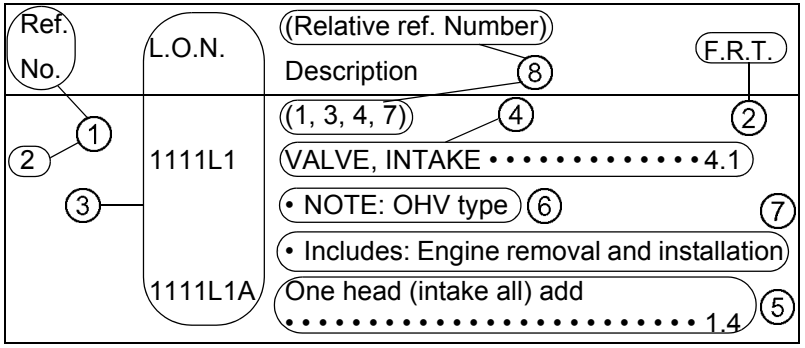
- Accessories and service parts that are not listed to use in this manual.
- Locations with little aging deterioration or breakage during normal use.
- Service work that can be finished by one touch.
- Service work that is seldom done (i.e. extremely small causes of trouble and service frequency).
- Products and parts whose location for installation differs according to its status of use and application.

* When FRT is not presented, please calculate wages based on appropriate actual work time.

Operation not included of FRT

- Oil and coolant water drainig, Waiting time for warming up operation and etc..
- Additional operation that involves removal/installation of standard exterior equipment.
- Indirect time spent for service by visiting the customer, trade-in, and delivery.
- Indirect time required for ordering and delivery of parts.
- Cost for grease, adhesive agent, etc. used for service work.

Explanation of FRT by using an example
(The example may differ from the actual presented items)



①Reference No. of the illustration of part that shows location of the replacement work.

②FRT is an abbreviation of Flat Rate Time indicating the standard service time required for the replacement.

③LON is an abbreviation of Labor Operation Number, and it is a classification of the service items by the work unit code.

The same operation code is used regardless of the models.

Standard operation is indicated with 6 digits code, and additional operation is indicated with 7 digits code.

④Indicating the intake valve replacement and FRT4.1.

⑤Indicating FRT1.4 that will be added when additional operation (whole intake side of one cylinder head) is done in association with intake valve replacement.

⑥Indicating work condition or application condition of the service item.

⑦Indicating work contents that are included in the service item.

⑧Indicating a reference No. whose operation and time are the same as FRT4.1 for the intake valve.

(The application range is limited to the service items without an LON setting within a same block.)

How to refer to the service item by using the sample
(intake valve replacement)

Open to the page of the block where the intake valve's spare part illustration is shown.

Look for the intake valve illustration, and refer to the service item and FRT that agree with the reference No.

Indication mark for the listing of service items that continues to the following page

Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2	**1111L1**	**VALVE, INTAKE** • • • • • • • • • • • •	**4.1**
	•	•	•
	•	•	•
+			

Mark indicated at the last line.

Indication of the block with no setting of FRT

Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
NO INFORMATION • • • • • • • • • • • • • • • • • •			

- **LON code system**

1	11	1	L1	A
a	b	c	d	e

a) Category code..... Engine
b) Location/function code..... Engine upper
c) Operation code..... Replace
d) Operation sequence number (Unit code can be shown with alphabet)
..... Intake valve
(No regular rule of code)
e) Additional code ..... One head (intake all)
(No regular rule of code)

1	11	1	L1	A
a		c		

a) Category codes and classification

Code	Category
1	Engine
2	Power drive
3	Fuel & Exhaust
4	Frame & Body
5	Steering
6	Electrical
7	Axle & Brake
8	Control system
9	-
0	Attachments

c) Operation codes and classification

Code	Operation category
1	Replace, Removal/Installation, Change
2	Overhaul
3	Adjust, Rotation
4	(Paint-related work: Top-coat)
5	Test, Inspect/diagnose, Measurment
6	(Overhaul-related work: Rebore)
7	(Overhaul-related work: Reseal)
8	(Resurface)
9	(Paint-related work: Refinish)
0	Repair, Cleaning, Air bleeding

Major service items without using spare parts
(1) Removal/Installation, (2) Adjustment, (3) Inspection/ Measurement, (4) Overhaul, (5) Other work

E: Engine, T: Transmission, D: Drive system, B: Body and related parts

(1) Removal/Installation

Set with the parts configuration in the status of being removed from the product.

	LON	DESCRIPTION	FRT
E	1001A0	**ENGINE AND GENERATOR-REMOVAL/INSTALLATION**	1.6
	1111L3	**CYLINDER HEAD ASSEMBLY-REMOVAL/INSTALLATION** INCLUDES: Engine-removal/installation	1.7
	3111E4	**CARBURETOR-REMOVAL/INSTALLATION**	0.4
B	3101H1	**FUEL TANK-REMOVAL/INSTALLATION**	0.2
	6221E2	**INVERTER UNIT-REMOVAL/INSTALLATION**	0.3
	6221B3	**CONTROL PANEL ASSEMBLY-REMOVAL/INSTALLATION**	0.6

(2) Adjustment

	LON	DESCRIPTION	FRT
E	1113A1	**VALVE CLEARANCE-ADJUSTMENT** NOTE: For 1 product	0.4
	3113A2	**CARBURETOR IDLE-ADJUSTMENT**	0.2

(3) Inspection, Measurement, Cleaning

	LON	DESCRIPTION	FRT
E	1105A0	**ENGINE OIL-INSPECTION**	0.1
	3115A2	**CARBURETOR FLOAT LEVEL-MEASUREMENT**	0.5
	3120A0	**AIR CLEANER-CLEANING** INCLUDES: Air cleaner-inspection	0.2
	3130A0	**SPARK ARRESTER-CLEANING**	0.2
	6140A0	**SPARK PLUG-ADJUSTMENT/CLEANING** NOTE: For 1 product	0.2
B	6225A2	**INVERTER UNIT-DIAGNOSE**	0.2

(4) Overhaul

Work condition: The required Measurements, inspections, adjustments, and cleaning/washing of each part are performed, including the main body removal/installation work and the replacement of defective parts.

	LON	DESCRIPTION	FRT
E	3112A0	**CARBURETOR-OVERHAUL** INCLUDES: All necessary adjustment	0.7

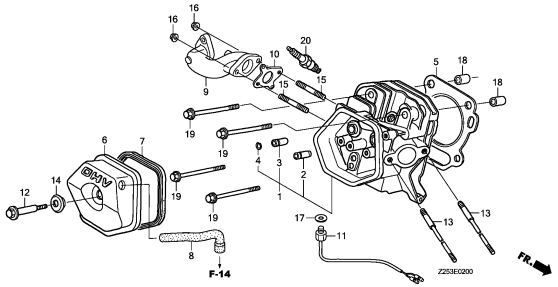
(5) Other work

	LON	DESCRIPTION	FRT
E	1101E1	**ENGINE OIL-CHANGE** INCLUDES: Engine oil-inspection	0.1

ENGINE GROUP

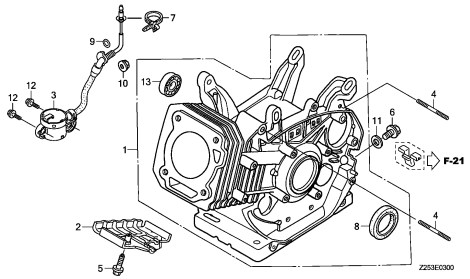
E-2 D 1

CYLINDER HEAD



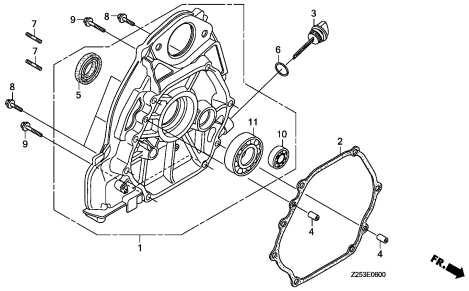
E-3 D 2

CYLINDER BARREL



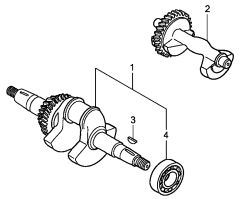
E-6 D 3

CRANKCASE COVER



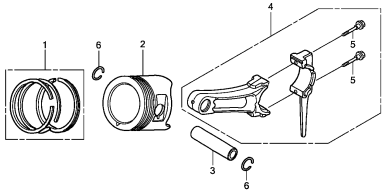
E-7 D 4

CRANKSHAFT



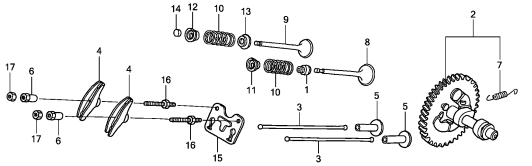
E-8 D 5

PISTON/CONNECTING ROD



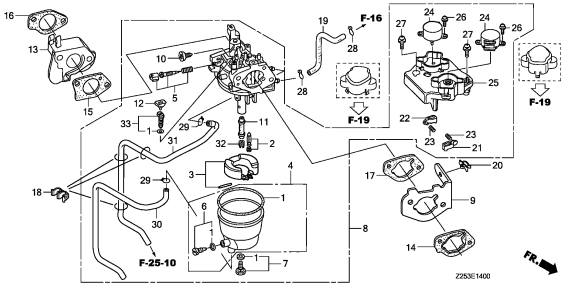
E-9 D 6

CAMSHAFT



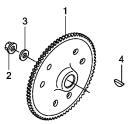
E-14 D 9

CARBURETOR



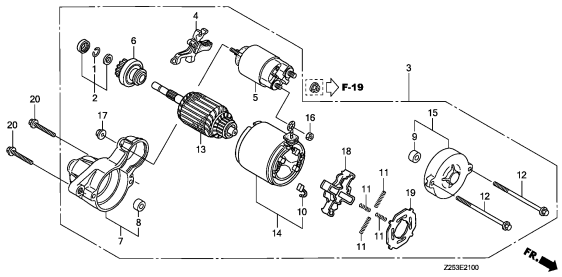
E-19 D11

FLYWHEEL



E-21 D12

STARTER MOTOR

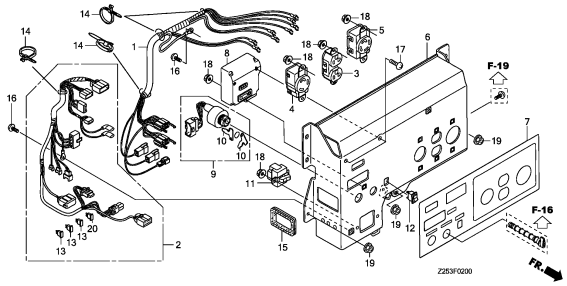


FRAME GROUP

B15

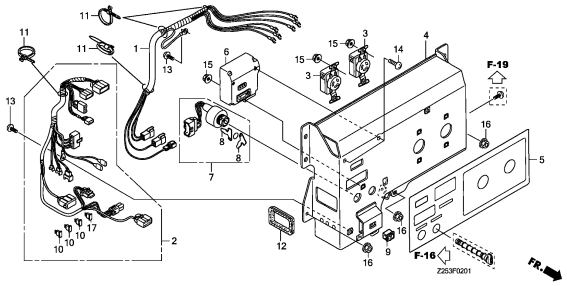
F-2 E 1

CONTROL PANEL(L)



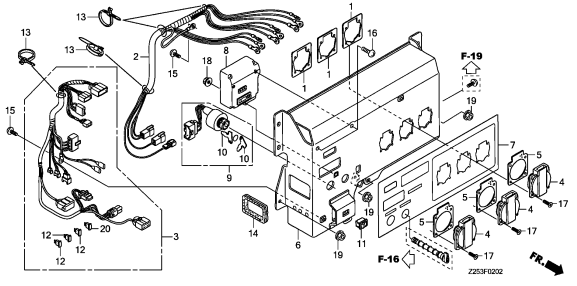
F-2-1 E 2

CONTROL PANEL(R)



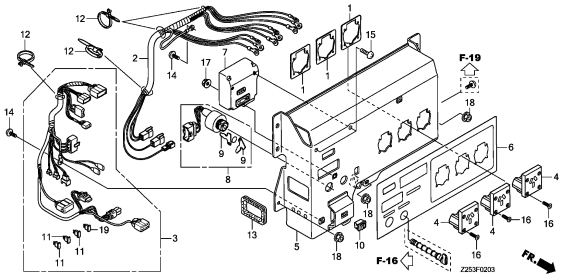
F-2-2 E 3

CONTROL PANEL(SK)



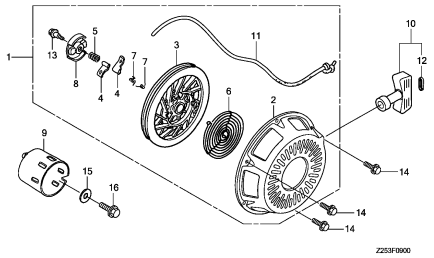
F-2-3 E 4

CONTROL PANEL(U)



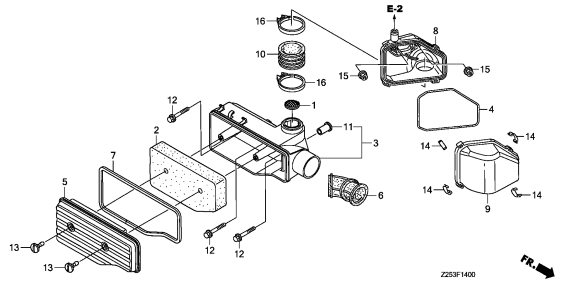
F-9 E 5

RECOIL STARTER



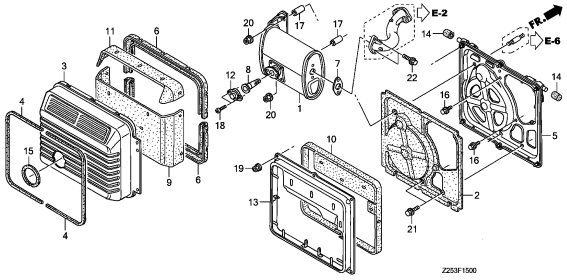
F-14 E 6

AIR CLEANER



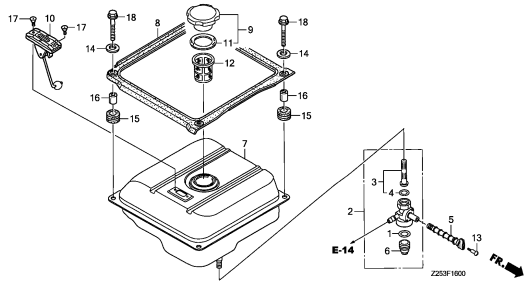
F-15 E 7

MUFFLER



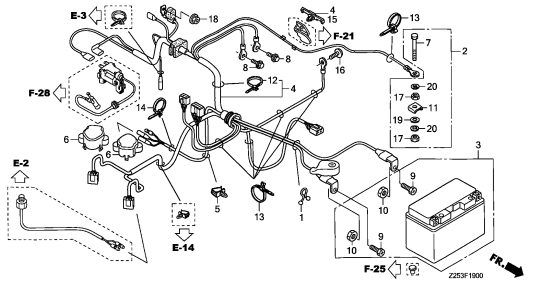
F-16 E 8

FUEL TANK



F-19 E 9

ENGINE WIRE HARNESS

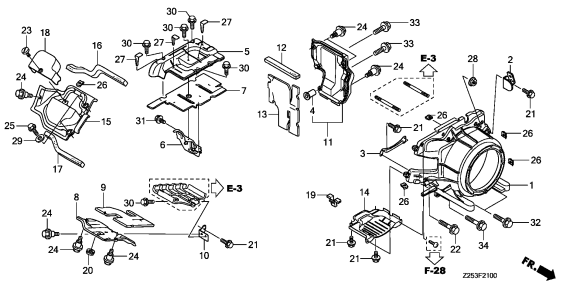


3

FRAME GROUP

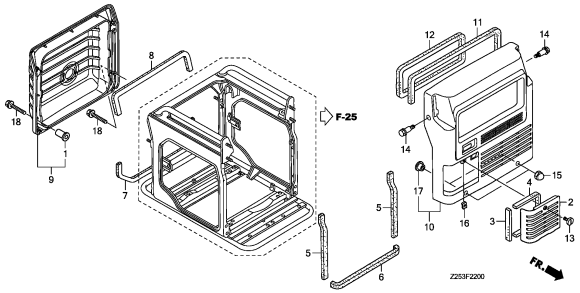
F-21 E10

SHROUD/FAN COVER



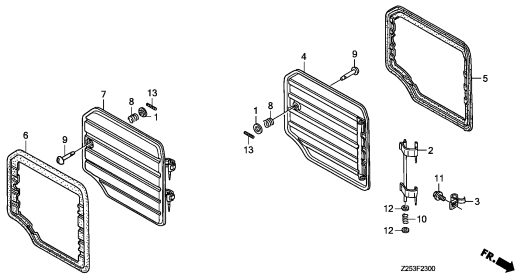
F-22 E12

FRONT COVER/REAR COVER



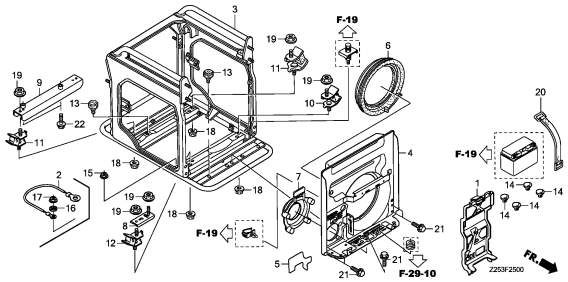
F-23 E13

MAINTENANCE COVER



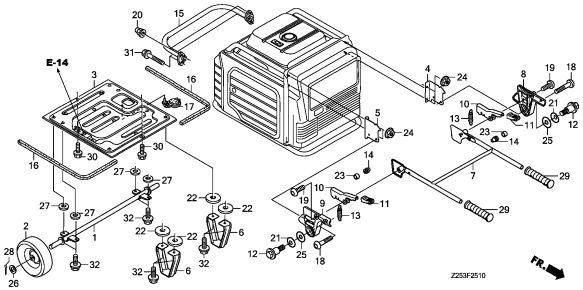
F-25 E14

FRAME



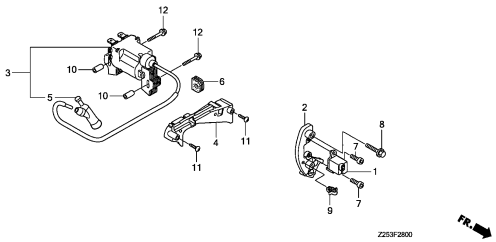
F-25-10 E16

HANDLE/WHEEL/HANGER



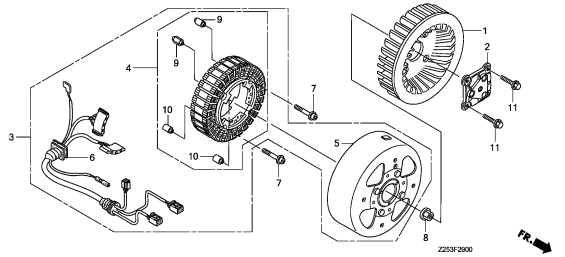
F-28 F 2

IGNITION COIL



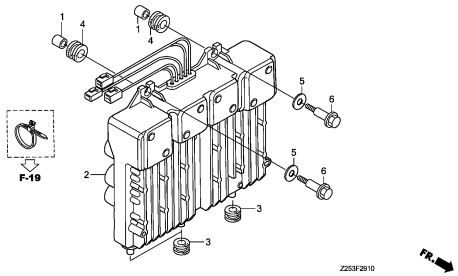
F-29 F 3

GENERATOR ASSY./COOLING FAN



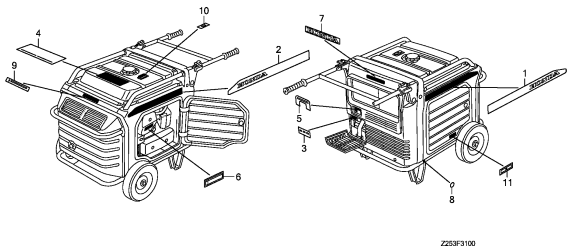
F-29-10 F 4

INVERTER



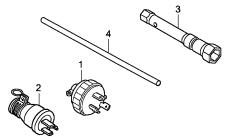
F-31 F 5

LABEL



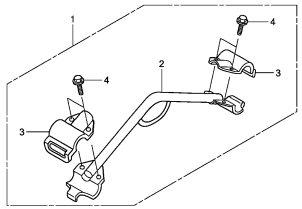
F-32 F 6

TOOL/CONSENT PLUG



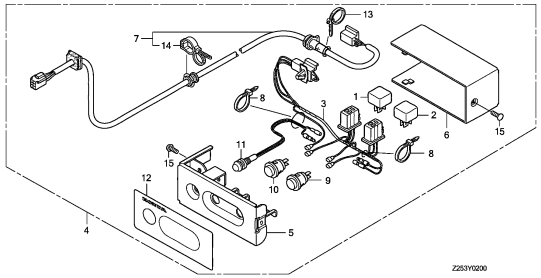
FOP-1 F 7

HANGER KIT

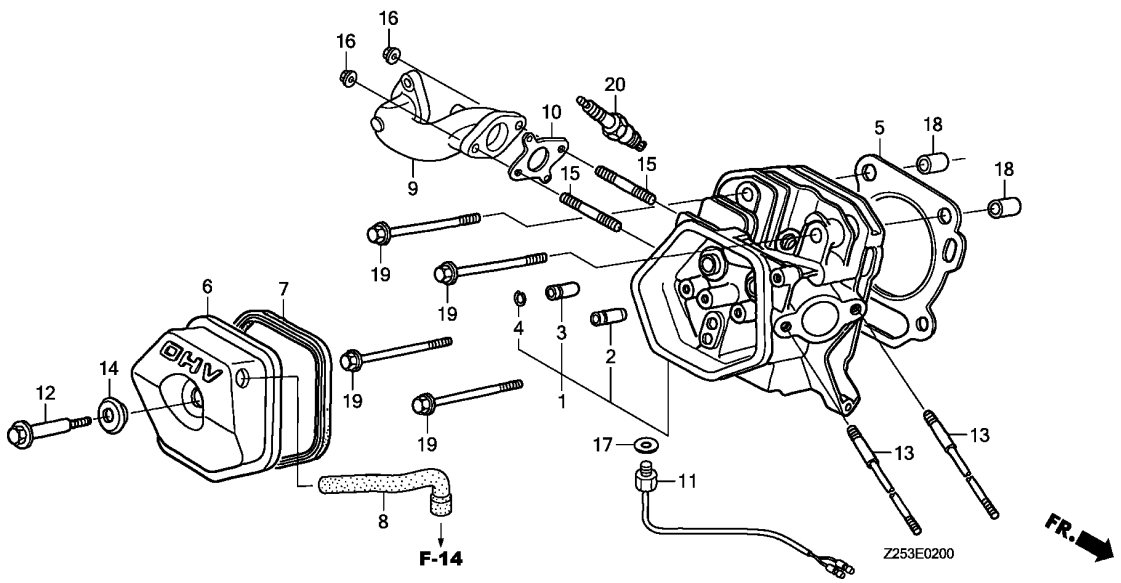


FOP-2 F 8

REMOTE CONTROL BOX

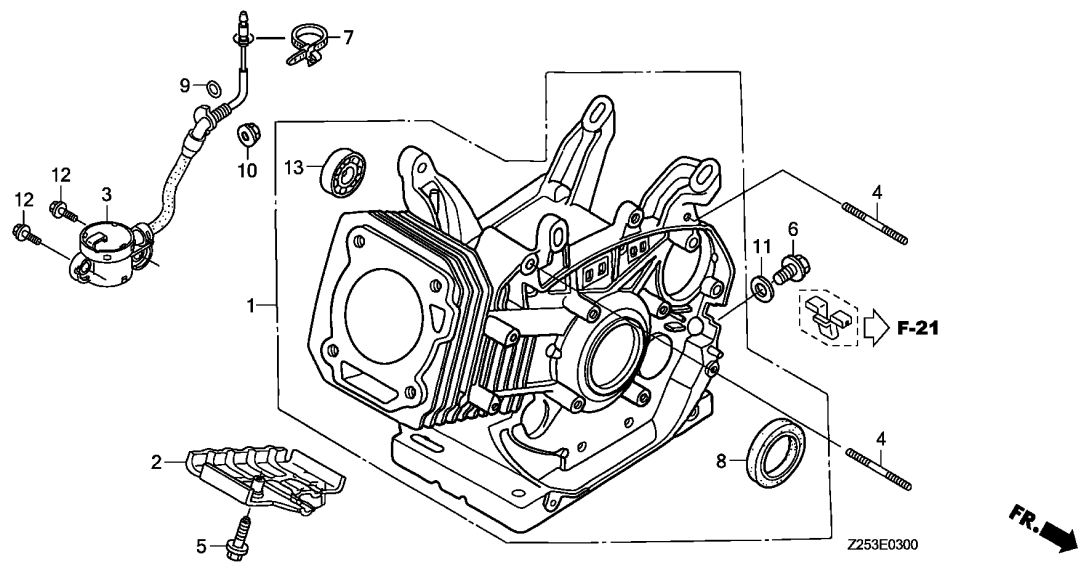


CYLINDER HEAD



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1111N3	HEAD, CYLINDER ·····	2.1
		.INCLUDES: Valve clearance adjustment and reface	
2	1111E9	GUIDE, INTAKE VALVE ·····	2.2
		.INCLUDES: Valve clearance adjustment	
	1111E9E	.Replace intake and exhaust all add ·····	0.4
3	1111E8	GUIDE, EXHAUST VALVE ·····	2.2
		.INCLUDES: Valve clearance adjustment	
	1111E8E	.Replace intake and exhaust all add ·····	0.4
5	1111N4	GASKET, CYLINDER HEAD ·····	1.7
6		(7)	
	1111D5	COVER, CYLINDER HEAD AND/OR PACKING, HEAD COVER ·····	0.1
8	1111K5	TUBE, BREATHER ·····	0.1
9	3131C9	PIPE, EXHAUST ·····	0.3
10	3131B5	GASKET, EXHAUST PIPE ·····	0.3
11	6171C1	SENSOR, TEMPERATURE ·····	0.4
20	6141C1	PLUG, SPARK ·····	0.1
		.INCLUDES: Spark plug check	

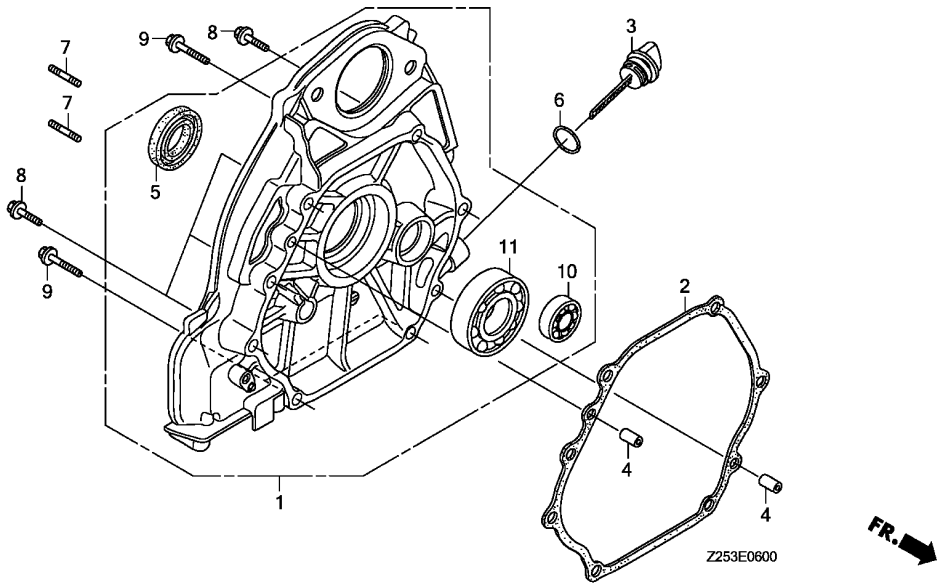
Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	12200-ZF6-406	HEAD COMP., CYLINDER ·····	1		
2	12204-ZE2-306	GUIDE, IN. VALVE (O.S.) ·····	(1)		
3	12205-ZE2-305	GUIDE, EX. VALVE (O.S.) ·····	(1)		
4	12216-ZE2-300	CLIP, VALVE GUIDE ·····	1		
5	12251-ZF6-W00	GASKET, CYLINDER HEAD ·····	1		
6	12310-ZE2-020	COVER COMP., HEAD ·····	1		
7	12391-ZE2-020	PACKING, HEAD COVER ·····	1		
8	15721-ZK6-E40	TUBE, BREATHER ·····	1		
9	18331-ZK6-E40	PIPE, EX. ·····	1		
10	18333-ZF6-W01	GASKET, EX. PIPE ·····	1		
11	35673-ZF6-F41	SENSOR ASSY., TEMPERATURE ···	1		
12	90014-ZE2-000	BOLT, HEAD COVER ·····	1		
13	90042-ZK6-E40	BOLT, STUD, 8X126.5 ·····	2		
14	90441-ZE2-010	WASHER COMP., HEAD COVER ····	1		
15	92900-08032-0E	BOLT, STUD, 8X32 ·····	2		
16	94050-08000	NUT, FLANGE, 8MM ·····	2		
17	94102-08800	WASHER, PLAIN, 8MM ·····	1		
18	94301-12200	DOWEL PIN, 12X20 ·····	2		
19	95725-10080-00	BOLT, FLANGE, 10X80 ·····	4		
20	98079-55846	PLUG, SPARK (BPR5ES)(NGK) ···	1		
	98079-55855	PLUG, SPARK (W16EPR-U)(DENSO)	1		



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1101A0	BARREL, CYLINDER ····· .INCLUDES: Engine removal and installation	3.5
2	4141E3	SHROUD, ENGINE ·····	0.3
3		(9)	
	6151E8	SWITCH, OIL LEVEL ····· .INCLUDES: Engine removal and installation	3.3
8	1101E4	OIL SEAL, CRANKSHAFT :FRONT ·· .INCLUDES: Engine removal and installation	3.5
13	1101F4	BEARING, BALANCER WEIGHT :FRONT ····· .INCLUDES: Engine removal and installation	3.6

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	12000-ZF6-Q00	BARREL ASSY., CYLINDER ·····	1		
2	19645-Z11-000	SHROUD COMP., ENGINE ·····	1		
3	35480-ZF6-003	SWITCH ASSY., OIL LEVEL ·····	1		
4	90045-ZG1-750	BOLT, STUD, 6X30 ·····	2		
5	90121-952-000	BOLT, FLANGE, 6X25(CT200) ···	1		
6	90131-883-000	BOLT, DRAIN PLUG, 12X15 ·····	1		
7	90674-Z11-003	BAND, CABLE ·····	1		
8	91201-ZE3-004	OIL SEAL, 35X52X8 ·····	1		
9	91353-671-004	O-RING, 14MM(NOK) ·····	1		
10	94050-10000	NUT, FLANGE, 10MM ·····	1		
11	94109-12000	WASHER, DRAIN PLUG, 12MM ····	1		
12	95701-06012-00	BOLT, FLANGE, 6X12 ·····	2		
13	96100-62020-00	BEARING, RADIAL BALL, 6202 ··	1		

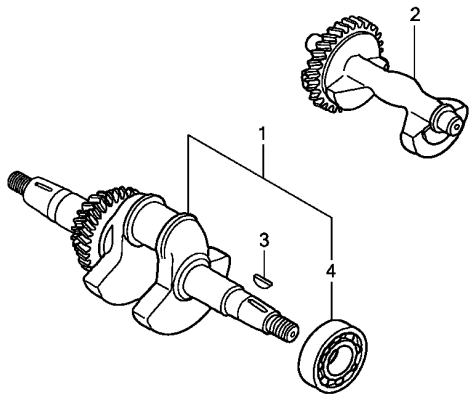
CRANKCASE COVER



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1101F1	COVER, CRANKCASE ····· .INCLUDES: Engine removal and installation	3.2
2	1101E9	PACKING, CRANKCASE COVER ····· .INCLUDES: Engine removal and installation	3.2
5	1101E5	OIL SEAL, CRANKSHAFT :REAR ··· .INCLUDES: Engine removal and installation	3.2
10	1101F5	BEARING, BALANCER WEIGHT :REAR .INCLUDES: Engine removal and installation	3.2
11	1101A6	BEARING, CRANKSHAFT :REAR ···· .INCLUDES: Engine removal and installation	3.4

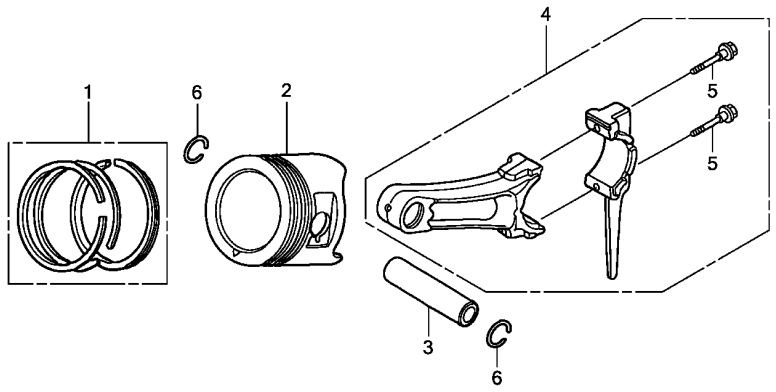
Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	11300-ZF6-415	COVER ASSY., CRANKCASE ·····	1		
2	11381-ZE3-801	PACKING, CASE COVER ·····	1		
3	15620-ZE2-700	CAP, OIL FILLER ·····	1		
4	90701-HC4-000	DOWEL PIN, 8X12 ·····	2		
5	91201-ZE3-004	OIL SEAL, 35X52X8 ·····	1		
6	91301-805-000	O-RING, 26X2.7 ·····	1		
7	92900-08055-0B	BOLT, STUD, 8X55 ·····	2		
8	95701-08040-00	BOLT, FLANGE, 8X40 ·····	4		
9	95701-08060-00	BOLT, FLANGE, 8X60 ·····	3		
10	96100-62020-00	BEARING, RADIAL BALL, 6202 ··	1		
11	96100-62070-00	BEARING, RADIAL BALL, 6207 ··	1		

CRANKSHAFT



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1101F0	CRANKSHAFT	3.3
		.INCLUDES: Engine removal and installation	
2	1101D8	WEIGHT, BALANCER	3.2
		.INCLUDES: Engine removal and installation	
4	1101A4	BEARING, CRANKSHAFT :FRONT ...	3.4
		.INCLUDES: Engine removal and installation	

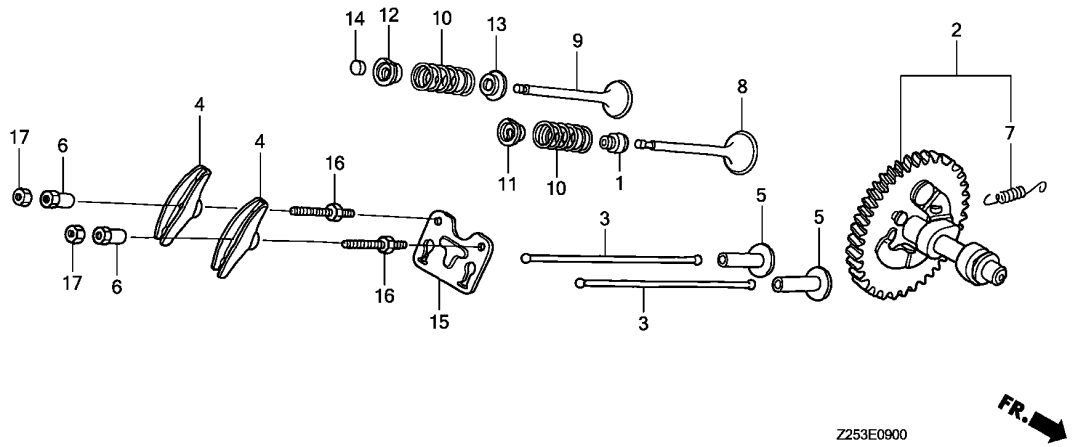
Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	13310-ZF6-F42	CRANKSHAFT COMP.	1		
2	13351-ZE3-010	WEIGHT, BALANCER	1		
3	90741-ZE2-000	KEY, SPECIAL WOODRUFF, 25X18	1		
4	91001-ZF6-013	BEARING, RADIAL BALL, 6207SH	1		



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2		(1,3,4)	
	1111R1	PISTON AND/OR RING SET AND/OR BEARING AND/OR ROD ----------	3.5
		.INCLUDES: Engine removal and installation	
		.INCLUDES: Inspection/ Measurement/Cleaning	

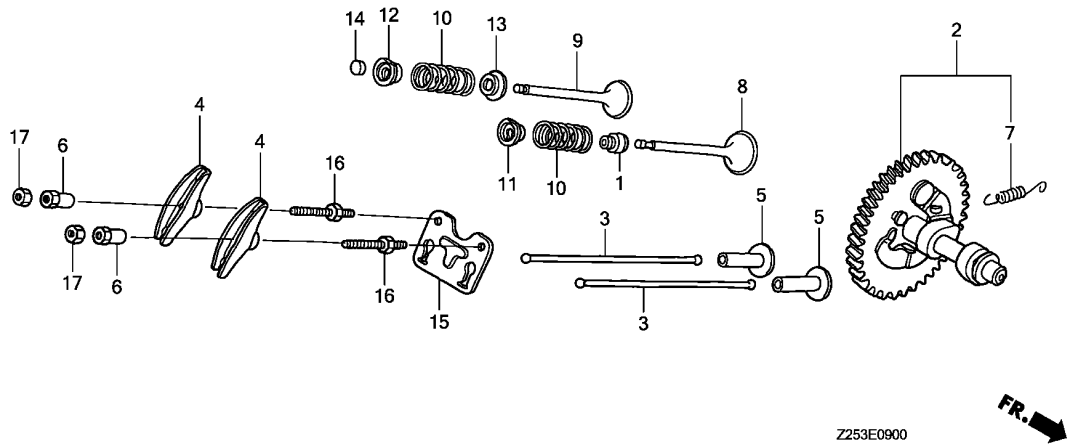
Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	13010-ZF6-003	RING SET, PISTON (STD.) (NIPPON)	1		
	13010-ZF6-005	RING SET, PISTON (STD.) (TEIKOKU)	1		
	13011-ZF6-003	RING SET, PISTON (0.25) (NIPPON)	(1)		
	13011-ZF6-005	RING SET, PISTON (0.25) (TEIKOKU)	(1)		
	13012-ZF6-003	RING SET, PISTON (0.50) (NIPPON)	(1)		
	13012-ZF6-005	RING SET, PISTON (0.50) (TEIKOKU)	(1)		
	13013-ZF6-003	RING SET, PISTON (0.75) (NIPPON)	(1)		
	13013-ZF6-005	RING SET, PISTON (0.75) (TEIKOKU)	(1)		
2	13101-ZF6-W00	PISTON (STD.) ----------	1		
	13102-ZF6-W00	PISTON (0.25) ----------	(1)		
	13103-ZF6-W00	PISTON (0.50) ----------	(1)		
	13104-ZF6-W00	PISTON (0.75) ----------	(1)		
3	13111-ZF6-W00	PIN, PISTON ----------	1		
4	13200-ZE3-020	ROD ASSY., CONNECTING (STD.)	1		
	13200-ZE3-315	ROD ASSY., CONNECTING (0.25 UNDER SIZE)	(1)		
5	90001-ZE8-000	BOLT, CONNECTING ROD --------	2		
6	90601-ZE3-000	CLIP, PISTON PIN, 20MM ------	2		

CAMSHAFT

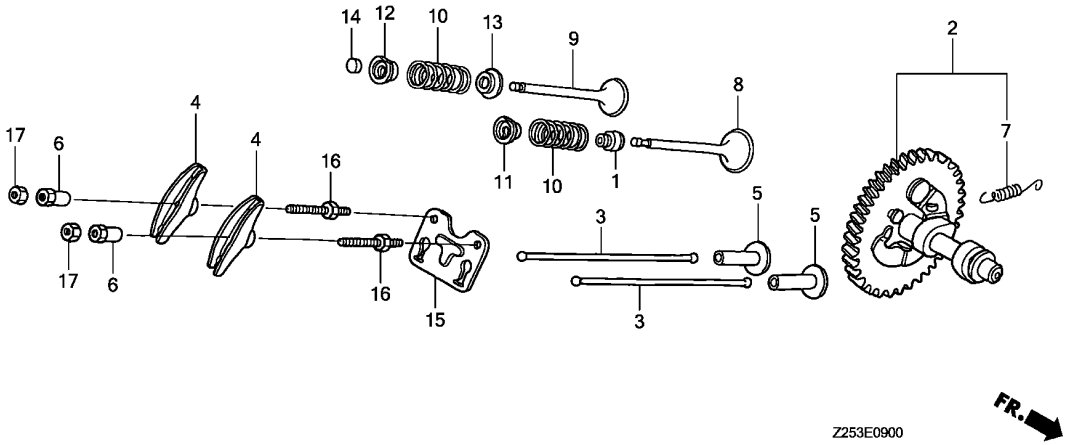


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1111K2	SEAL, INTAKE VALVE STEM ------ .INCLUDES: Valve clearance adjustment	1.8
2	1111C2	CAMSHAFT ------------------- .INCLUDES: Engine removal and installation .INCLUDES: Valve clearance adjustment	3.2
3	1111L6	ROD, PUSH :INTAKE ----------- .INCLUDES: Valve clearance adjustment	0.4
	1111L6A	.Replace exhaust push rod add	0.1
	1111L7	ROD, PUSH :EXHAUST ---------- .INCLUDES: Valve clearance adjustment	0.4
	1111L7A	.Replace intake push rod add -	0.1
4	1111A2	ARM, ROCKER :INTAKE ---------- .INCLUDES: Valve clearance adjustment	0.4
	1111A2A	.Replace exhaust rocker arm add -----------------------	0.1
	1111A1	ARM, ROCKER :EXHAUST -------- .INCLUDES: Valve clearance adjustment	0.4
	1111A1A	.Replace intake rocker arm add	0.1

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	12209-ZE8-003	SEAL, VALVE STEM ----------	1		
2	14100-ZF6-W01	CAMSHAFT ASSY. ------------	1		
3	14410-ZE3-013	ROD, PUSH -----------------	2		
4	14431-ZE2-010	ARM, VALVE ROCKER ----------	2		
5	14441-ZE2-000	LIFTER, VALVE -------------	2		
6	14451-ZE1-013	PIVOT, ROCKER ARM ----------	2		
7	14568-ZE1-000	SPRING, WEIGHT RETURN ------	1		
8	14711-ZE3-000	VALVE, IN. ----------------	1		
9	14721-ZE3-810	VALVE, EX. (STELLITE) ------	1		
10	14751-ZE2-003	SPRING, VALVE -------------	2		
11	14771-ZE2-000	RETAINER, IN. VALVE SPRING --	1		
12	14773-ZE2-000	RETAINER, EX. VALVE SPRING --	1		
13	14775-ZE2-010	SEAT, VALVE SPRING ---------	1		
14	14781-ZE2-000	ROTATOR, VALVE ------------	1		
15	14791-ZE2-010	PLATE, PUSH ROD GUIDE ------	1		
16	90012-ZE0-010	BOLT, PIVOT, 8MM ----------	2		
17	90206-ZE1-000	NUT, PIVOT ADJUSTING -------	2		



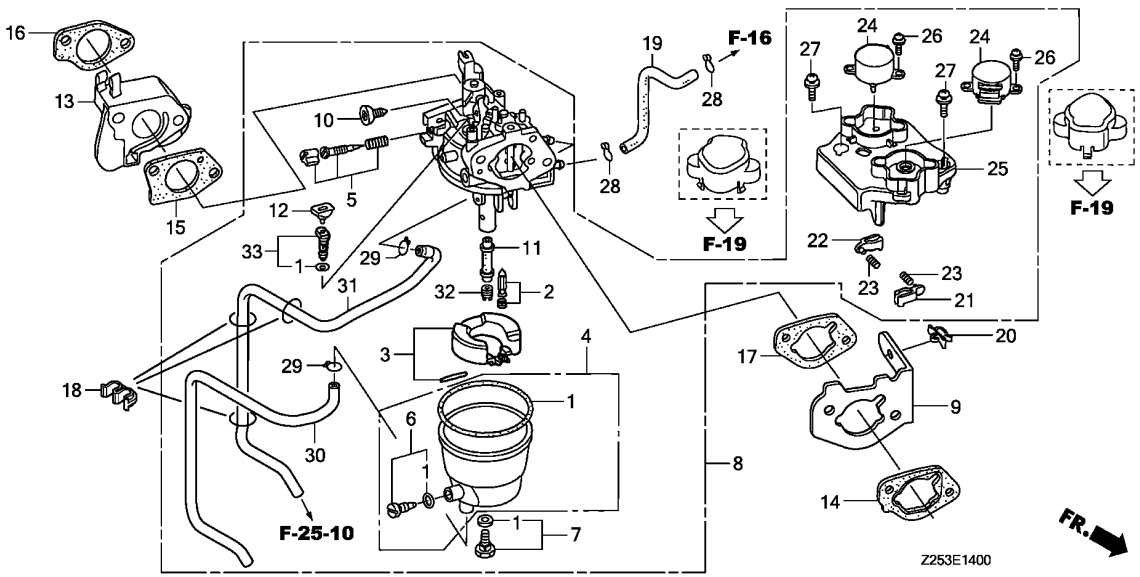
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
5	1111L9	LIFTER, VALVE :INTAKE ····· .INCLUDES: Engine removal and installation .INCLUDES: Valve clearance adjustment .NOTE: Same time for two units	3.2
	1111MO	LIFTER, VALVE :EXHAUST ····· .INCLUDES: Engine removal and installation .INCLUDES: Valve clearance adjustment .NOTE: Same time for two units	3.2
8	1111L1	VALVE, INTAKE ·····	1.9
	1111L1E	.Replace intake and exhaust all add ·····	0.2
9	1111LO	VALVE, EXHAUST ·····	1.9
	1111LOE	.Replace intake and exhaust all add ·····	0.2
10	1111P3	SPRING, VALVE :INTAKE ····· .INCLUDES: Valve clearance adjustment	1.8
	1111P3A	.Replace intake and exhaust all add ·····	0.1
+	1111P4	SPRING, VALVE :EXHAUST ·····	1.8



Z253E0900

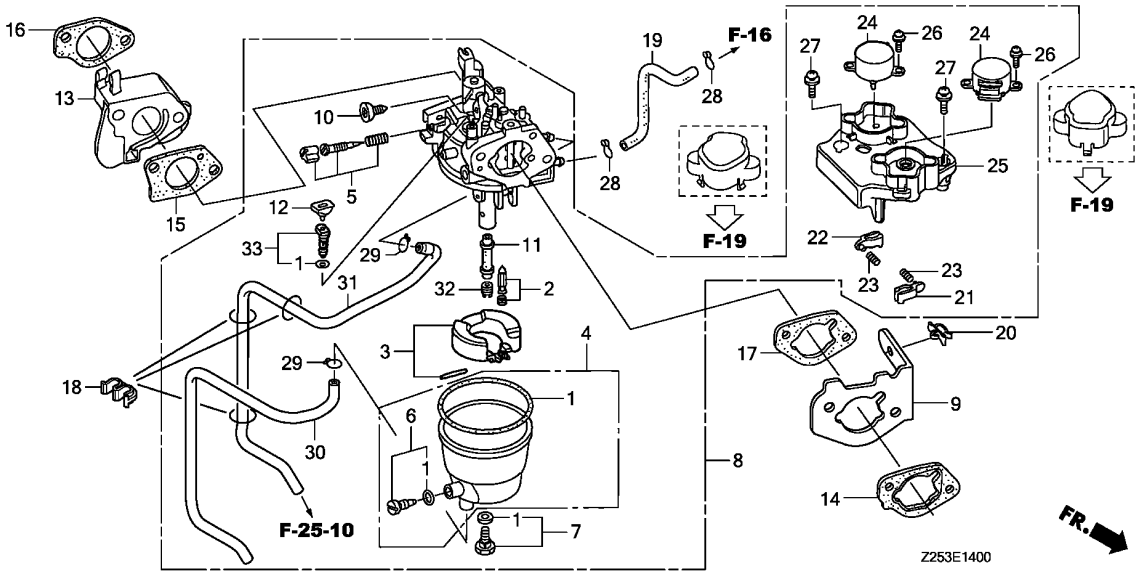
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
+10		.INCLUDES: Valve clearance adjustment	
	1111P4A	.Replace intake and exhaust all add	0.1
14	1111J7	ROTATOR, VALVE	0.4
		.INCLUDES: Valve clearance adjustment	

2

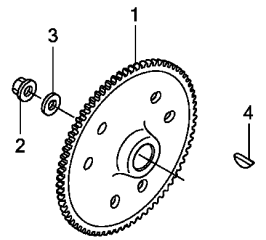


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	3111B1	GASKET SET, CARBURETOR ·····	0.7
2		(3)	
	3111E1	VALVE SET, FLOAT AND/OR FLOAT SET ·····	0.6
4	3111A3	CHAMBER SET, FLOAT AND/OR GASKET, FLOAT CHAMBER ·····	0.5
5	3111D7	SCREW SET, PILOT ·····	0.2
8	3111F3	CARBURETOR ·····	0.4
13		(16)	
	3111C0	INSULATOR, CARBURETOR AND/OR PACKING, INSULATOR ·····	0.5
14	3111D9	SPACER, CARBURETOR ·····	0.3
15	3111C8	PACKING, CARBURETOR ·····	0.4
17		(9)	
	3121D9	PACKING, AIR CLEANER ·····	0.3
19	3101F1	TUBE, FUEL TANK ·····	0.4
24	6151F0	MOTOR, THROTTLE CONTROL ·····	0.5
	6151F0A	.Replace one control motor add	0.1
	8101BA	MOTOR, CHOKE CONTROL ·····	0.5
	8101BAA	.Replace one control motor add	0.1
32	3111C3	JET, MAIN ·····	0.6

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	16010-ZA0-921	GASKET SET ·····	1		
2	16011-ZA0-931	VALVE SET, FLOAT ·····	1		
3	16013-ZA0-931	FLOAT SET ·····	1		
4	16015-ZA0-931	CHAMBER SET, FLOAT ·····	1		
5	16016-ZH7-W01	SCREW SET, PILOT ·····	1		
6	16024-124-760	SCREW SET, DRAIN ·····	1		
7	16028-ZA0-701	SCREW SET ·····	1		
8	16100-ZK6-E41	CARBURETOR ASSY. (BE89G A) ··	1		
9	16105-ZK6-E40	HOLDER, TUBE ·····	1		
10	16124-ZF6-F41	SCREW, STOP ·····	1		
11	16166-ZF6-F41	NOZZLE, MAIN ·····	1		
12	16172-ZE3-W10	COLLAR, SETTING ·····	1		
13	16211-ZF6-F40	INSULATOR, CARBURETOR ·····	1		
14	16220-ZA0-702	SPACER COMP., CARBURETOR ····	1		
15	16221-ZF6-800	PACKING, CARBURETOR ·····	1		
16	16223-ZE3-W00	PACKING, INSULATOR ·····	1		
17	16269-ZA0-800	PACKING, AIR CLEANER ·····	1		
18	17205-PC6-000	CLAMP, TUBE, 7.5X2 ·····	3		
19	17701-Z11-000	TUBE, FUEL TANK ·····	1		
20	32172-GJ1-003	CLIP B, HARNESS ·····	1		
21	36161-ZF6-F41	LEVER, LINK ·····	1		
22	36161-ZL0-D31	LEVER, LINK ·····	1		
23	36162-ZL0-D31	SPRING, COMPRESSION COIL ····	2		
24	36165-ZF6-F41	MOTOR COMP., THROTTLE CONTROL	2		
25	36166-ZF6-F41	BRACKET, THROTTLE MOTOR ·····	1		



Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
26	90003-ZL0-D30	SCREW-WASHER, 3X8	4		
27	93893-04012-18	SCREW-WASHER, 4X12	2		
28	95002-02080	CLIP, TUBE (B8)	2		
29	95002-45000	CLIP, TUBE (C8)	2		
30	95003-09040-31	TUBE, VINYL, 4.5X8X400 (95003-09001-60M)	1		
31	95003-09055-31	TUBE, VINYL, 4.5X8X550 (95003-09001-60M)	1		
32	99101-ZH8-0980	JET, MAIN, #98	1		
	99101-ZH8-0920	JET, MAIN, #92	(1)		
	99101-ZH8-0950	JET, MAIN, #95	(1)		
33	99204-ZE2-0400	JET SET, PILOT, #40	1		



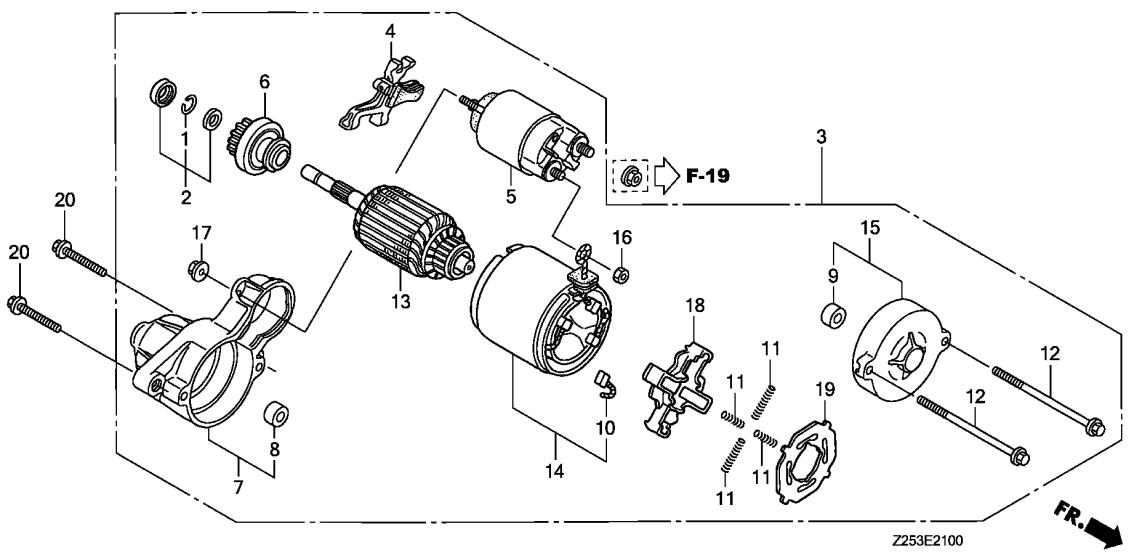
Z253E1900

FR.

Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	2161B5	FLYWHEEL	0.6

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	31110-ZF6-F40	FLYWHEEL COMP.	1		
2	90201-ZE3-790	NUT, SPECIAL, 16MM	1		
3	90473-ZF6-F40	WASHER, FLYWHEEL	1		
4	90741-ZE2-000	KEY, SPECIAL WOODRUFF, 25X18	1		

STARTER MOTOR

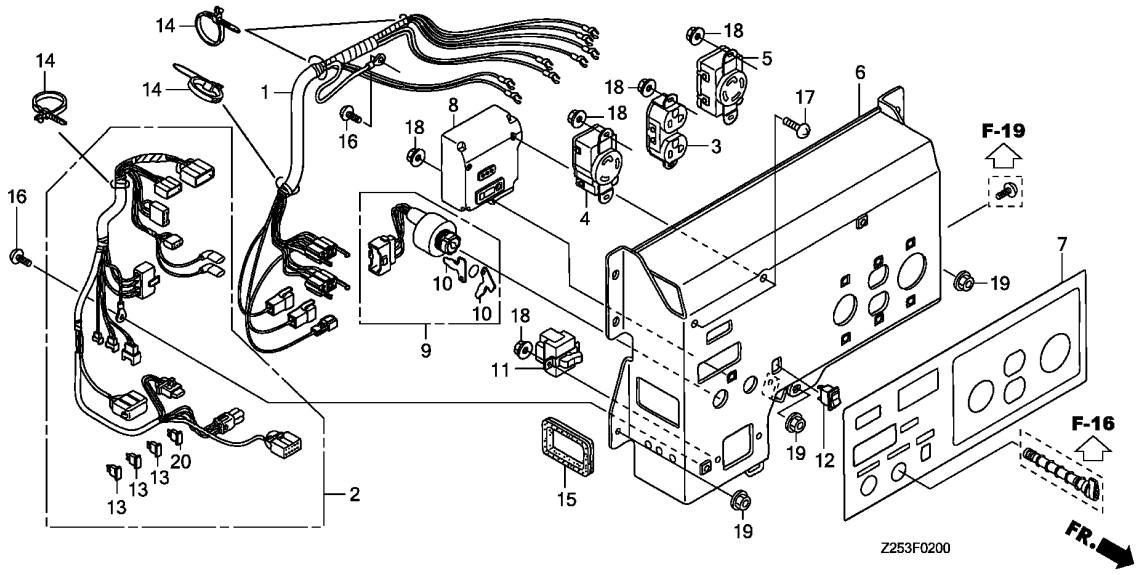


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
3	6121D5	MOTOR, STARTER	1.0
5	6121C9	SWITCH, STARTER MAGNETIC	1.1
6	6121B0	CLUTCH, OVERRUNNING	1.3
7	6121C2	HOUSING, DRIVE SIDE	1.2
10	6121A9	BRUSH, STARTER	1.2
13	6121A0	ARMATURE, STARTER	1.4
14	6121D1	YOKE, STARTER	1.1
18	6121B6	HOLDER, STARTER BRUSH	1.1

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	30201-PH9-004	RING, SNAP (DENSO)	1		
2	30202-PZ1-003	COLLAR SET, CLUTCH STOP	1		
3	31200-ZF6-F41	MOTOR ASSY., STARTER	1		
4	31203-PN4-003	LEVER, PINION DRIVE	1		
5	31204-ZJ1-H01	SWITCH ASSY., MAGNET	1		
6	31207-ZF6-F41	CLUTCH COMP., OVERRUNNING	1		
7	31208-ZF6-F41	HOUSING COMP., DRIVE SIDE	1		
8	31209-PH9-004	BEARING A	1		
9	31210-PH9-004	BEARING B	1		
10	31211-PH9-004	BRUSH	4		
11	31212-PH9-004	SPRING, BRUSH	4		
12	31214-PH9-004	BOLT, THROUGH	2		
13	31217-ZG8-003	ARMATURE COMP.	1		
14	31218-PH9-004	YOKE COMP.	1		
15	31219-ZF6-F41	FRAME COMP., COMMUTATOR END	1		
16	31220-PH9-004	NUT, HEX., 8MM	1		
17	31223-PA0-006	NUT, HEX.	2		
18	31231-PH9-004	HOLDER, BRUSH	1		
19	31233-PH9-004	INSULATOR, BRUSH HOLDER	1		
20	95701-10035-00	BOLT, FLANGE, 10X35	2		

F-2 CONTROL PANEL(L)

E 1

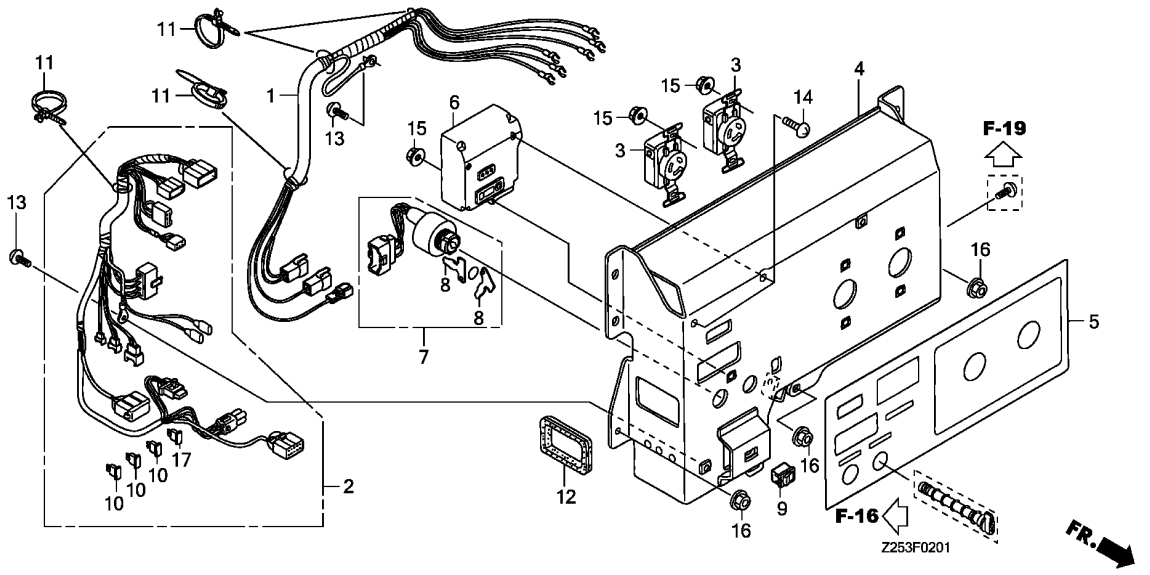


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	6111C3	HARNESS, MAIN WIRE ----------	0.7
2	6111B9	HARNESS, CONTROL WIRE --------	0.6
3		(4,5)	
	6221D5	RECEPTACLE/CONSENT, CONTROL PANEL ----------	0.6
	6221E5	RECEPTACLE/CONSENT, CONTROL PANEL :ALL ----------	0.7
6	6221N9	PANEL, GENERATOR CONTROL -----	0.8
8	62D1C2	CONTROL UNIT, GENERATOR ------	0.6
9	6151E1	SWITCH, COMBINATION ----------	0.6
11	6151F1	SWITCH, VOLT CHANGE ----------	0.6
12	6151E5	SWITCH, AUTO THROTTLE --------	0.5
13		(2D)	
	8121A7	FUSE, BLADE ----------	0.1
		.NOTE: Same time for two units or more	

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	32100-Z11-B30	HARNESS ASSY., MAIN WIRE ----	1	-------- --------	L
2	32150-Z11-A32	HARNESS ASSY., CONTROL WIRE -	1	-------- --------	L
3	32330-899-631	RECEPTACLE (20A/125V) (MATSUSHITA)	1	-------- --------	L
4	32332-ZB4-630	RECEPTACLE (30A/125V) -------	1	-------- --------	L
5	32334-ZA0-631	RECEPTACLE (30A/125-250V) ---	1	-------- --------	L
6	32345-Z11-A31	PANEL COMP., CONTROL --------	1	-------- --------	L
7	32366-Z25-B30	MARK, PANEL (EU-L) ----------	1	-------- --------	L
8	34110-Z11-A31	UNIT ASSY., GENERATOR CONTROL	1	-------- --------	L
9	35100-Z11-003	SWITCH ASSY., COMBINATION ---	1	-------- --------	L
10	35111-880-013	KEY COMP. -------------------	2	-------- --------	L
11	35320-Z11-A01	SWITCH ASSY., VOLT CHANGE ---	1	-------- --------	L
12	36214-ZS9-A00	SWITCH COMP., AUTO-THROTTLE -	1	-------- --------	L
13	38206-735-921	FUSE, BLADE (1A) ------------	3	-------- --------	L
14	90672-SB2-003	STRAP, CABLE, 105MM(BLACK) --	4	-------- --------	L
15	91654-Z11-000	GROMMET, CONTROL HARNESS ----	1	-------- --------	L
16	93500-05008-3J	SCREW, PAN, 5X8 -------------	2	-------- --------	L
17	93500-05012-0G	SCREW, PAN, 5X12 ------------	2	-------- --------	L
18	94050-04000	NUT, FLANGE, 4MM ------------	9	-------- --------	L
19	94050-06000	NUT, FLANGE, 6MM ------------	3	-------- --------	L
20	98200-31500	FUSE, BLADE (15A) -----------	1	-------- --------	L

F-2-1 CONTROL PANEL(R)

E 2



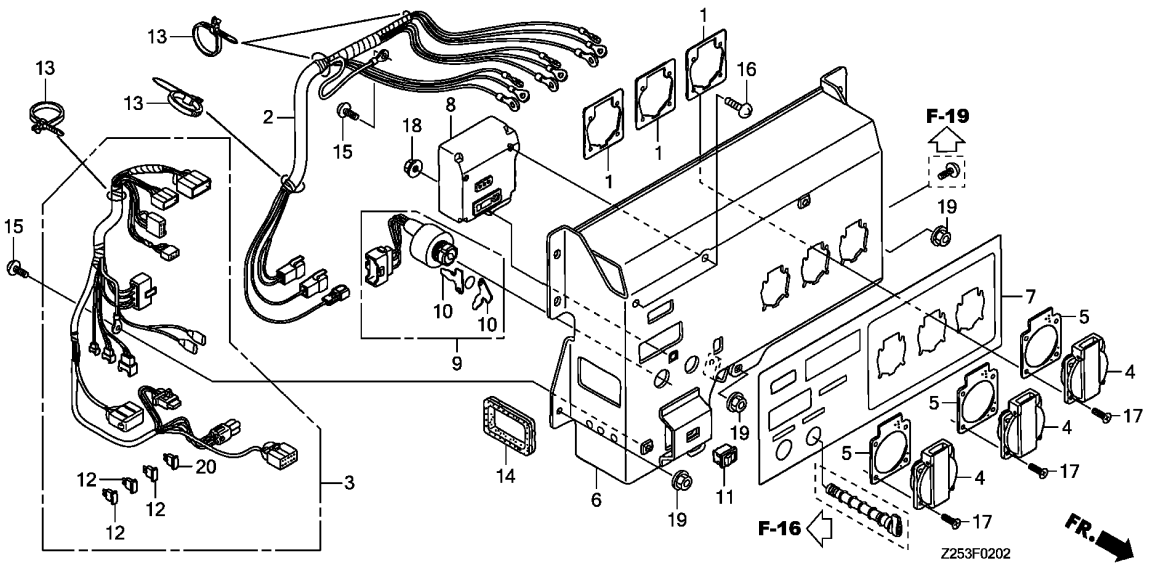
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	6111C3	HARNESS, MAIN WIRE ----------	0.7
2	6111B9	HARNESS, CONTROL WIRE --------	0.6
3	6221D5	RECEPTACLE/CONSENT, CONTROL PANEL ----------	0.6
	6221E5	RECEPTACLE/CONSENT, CONTROL PANEL :ALL ----------	0.7
4	6221N9	PANEL, GENERATOR CONTROL -----	0.8
6	62O1C2	CONTROL UNIT, GENERATOR ------	0.6
7	6151E1	SWITCH, COMBINATION ----------	0.6
9	6151E5	SWITCH, AUTO THROTTLE --------	0.5
10		(17)	
	8121A7	FUSE, BLADE ---------- .NOTE: Same time for two units or more	0.1

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	32100-Z11-A70	HARNESS ASSY., MAIN WIRE ----	1	-------- --------	R
2	32150-Z11-A61	HARNESS ASSY., CONTROL WIRE -	1	-------- --------	R
3	32331-880-680	CONSENT (20A/250V) ----------	2	-------- --------	R
4	32345-Z11-A70	PANEL COMP., CONTROL --------	1	-------- --------	R
5	32366-Z25-B60	MARK, PANEL (EU-R) ----------	1	-------- --------	R
6	34110-Z11-A31	UNIT ASSY., GENERATOR CONTROL	1	-------- --------	R
7	35100-Z11-003	SWITCH ASSY., COMBINATION ---	1	-------- --------	R
8	35111-880-013	KEY COMP. -------------------	2	-------- --------	R
9	36214-ZS9-A00	SWITCH COMP., AUTO-THROTTLE -	1	-------- --------	R
10	38206-735-921	FUSE, BLADE (1A) ------------	3	-------- --------	R
11	90672-SB2-003	STRAP, CABLE, 105MM(BLACK) --	4	-------- --------	R
12	91654-Z11-000	GROMMET, CONTROL HARNESS ----	1	-------- --------	R
13	93500-05008-3J	SCREW, PAN, 5X8 -------------	2	-------- --------	R
14	93500-05012-0G	SCREW, PAN, 5X12 ------------	2	-------- --------	R
15	94050-04000	NUT, FLANGE, 4MM ------------	5	-------- --------	R
16	94050-06000	NUT, FLANGE, 6MM ------------	3	-------- --------	R
17	98200-31500	FUSE, BLADE (15A) -----------	1	-------- --------	R

3

F-2-2 CONTROL PANEL(SK)

E 3

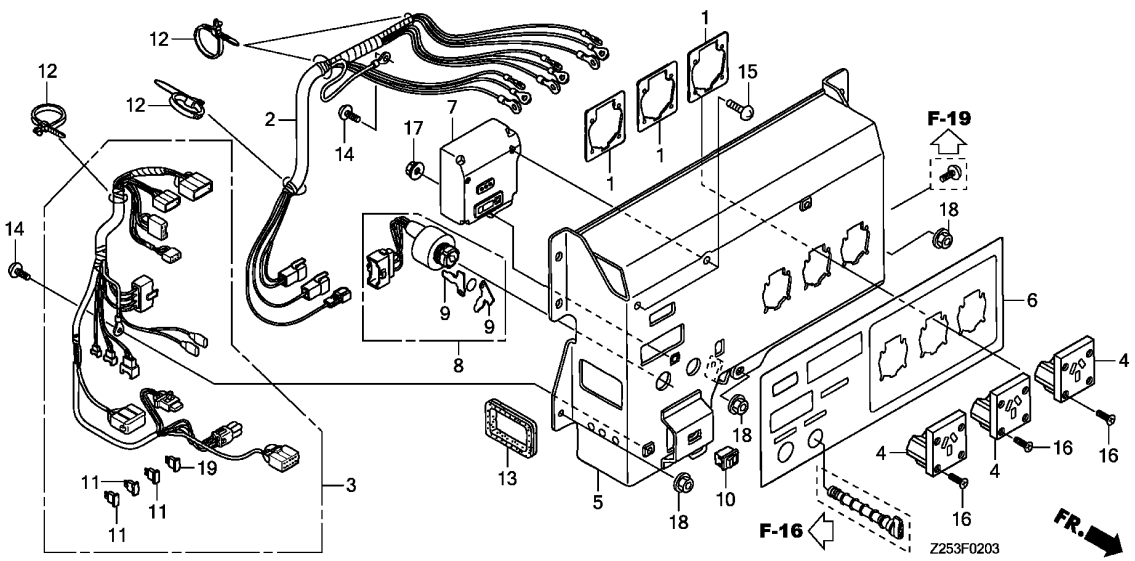


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2	6111C3	HARNESS, MAIN WIRE ----------	0.7
3	6111B9	HARNESS, CONTROL WIRE --------	0.6
4		(1,5)	
	6221D5	RECEPTACLE/CONSENT, CONTROL PANEL ----------	0.6
	6221E5	RECEPTACLE/CONSENT, CONTROL PANEL :ALL ----------	0.7
6	6221N9	PANEL, GENERATOR CONTROL -----	0.8
8	62D1C2	CONTROL UNIT, GENERATOR ------	0.6
9	6151E1	SWITCH, COMBINATION ----------	0.6
11	6151E5	SWITCH, AUTO THROTTLE --------	0.5
12		(20)	
	8121A7	FUSE, BLADE ----------	0.1
		.NOTE: Same time for two units or more	

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	31426-ZA8-761	PLATE, CONSENT SETTING ------	3	-------- --------	SK
2	32100-Z11-A81	HARNESS ASSY., MAIN WIRE ----	1	-------- --------	SK
3	32150-Z11-A71	HARNESS ASSY., CONTROL WIRE -	1	-------- --------	SK
4	32331-ZT3-C60	RECEPTACLE (16A/250V) -------	3	-------- --------	SK
5	32335-875-610	PACKING, RECEPTACLE ---------	3	-------- --------	SK
6	32345-Z11-A80	PANEL COMP., CONTROL --------	1	-------- --------	SK
7	32366-Z25-R10	MARK, PANEL (EU-SK) ---------	1	-------- --------	SK
8	34110-Z11-A31	UNIT ASSY., GENERATOR CONTROL	1	-------- --------	SK
9	35100-Z11-003	SWITCH ASSY., COMBINATION ---	1	-------- --------	SK
10	35111-880-013	KEY COMP. -------------------	2	-------- --------	SK
11	36214-ZS9-A00	SWITCH COMP., AUTO-THROTTLE -	1	-------- --------	SK
12	38206-735-921	FUSE, BLADE (1A) ------------	3	-------- --------	SK
13	90672-SB2-003	STRAP, CABLE, 105MM(BLACK) --	4	-------- --------	SK
14	91654-Z11-000	GROMMET, CONTROL HARNESS ----	1	-------- --------	SK
15	93500-05008-3J	SCREW, PAN, 5X8 -------------	2	-------- --------	SK
16	93500-05012-0G	SCREW, PAN, 5X12 ------------	2	-------- --------	SK
17	93600-04016-1G	SCREW, FLAT, 4X16 -----------	12	-------- --------	SK
18	94050-04000	NUT, FLANGE, 4MM ------------	1	-------- --------	SK
19	94050-06000	NUT, FLANGE, 6MM ------------	3	-------- --------	SK
20	98200-31500	FUSE, BLADE (15A) -----------	1	-------- --------	SK

F-2-3 CONTROL PANEL(U)

E 4

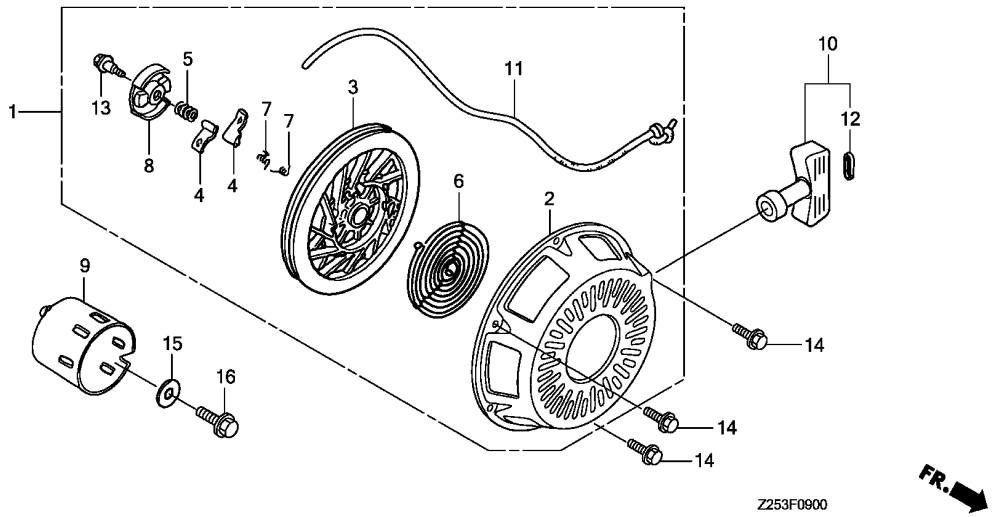


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2	6111C3	HARNESS, MAIN WIRE	0.7
3	6111B9	HARNESS, CONTROL WIRE	0.6
4		(1)	
	6221J4	SOCKET, CONTROL PANEL	0.6
	6221J5	SOCKET, CONTROL PANEL :ALL	0.7
5	6221N9	PANEL, GENERATOR CONTROL	0.8
7	62D1C2	CONTROL UNIT, GENERATOR	0.6
8	6151E1	SWITCH, COMBINATION	0.6
10	6151E5	SWITCH, AUTO THROTTLE	0.5
11		(19)	
	8121A7	FUSE, BLADE .NOTE: Same time for two units or more	0.1

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	31426-ZA8-761	PLATE, CONSENT SETTING	3	-------- --------	U
2	32100-Z11-A81	HARNESS ASSY., MAIN WIRE	1	-------- --------	U
3	32150-Z11-A61	HARNESS ASSY., CONTROL WIRE	1	-------- --------	U
4	32332-Z07-C81	SOCKET (15A/250V)	3	-------- --------	U
5	32345-Z11-A80	PANEL COMP., CONTROL	1	-------- --------	U
6	32366-Z25-A80	MARK, PANEL (EU-U)	1	-------- --------	U
7	34110-Z11-A31	UNIT ASSY., GENERATOR CONTROL	1	-------- --------	U
8	35100-Z11-003	SWITCH ASSY., COMBINATION	1	-------- --------	U
9	35111-880-013	KEY COMP.	2	-------- --------	U
10	36214-ZS9-A00	SWITCH COMP., AUTO-THROTTLE	1	-------- --------	U
11	38206-735-921	FUSE, BLADE (1A)	3	-------- --------	U
12	90672-SB2-003	STRAP, CABLE, 105MM(BLACK)	4	-------- --------	U
13	91654-Z11-000	GROMMET, CONTROL HARNESS	1	-------- --------	U
14	93500-05008-3J	SCREW, PAN, 5X8	2	-------- --------	U
15	93500-05012-0G	SCREW, PAN, 5X12	2	-------- --------	U
16	93600-04020-1G	SCREW, FLAT, 4X20	12	-------- --------	U
17	94050-04000	NUT, FLANGE, 4MM	1	-------- --------	U
18	94050-06000	NUT, FLANGE, 6MM	3	-------- --------	U
19	98200-31500	FUSE, BLADE (15A)	1	-------- --------	U

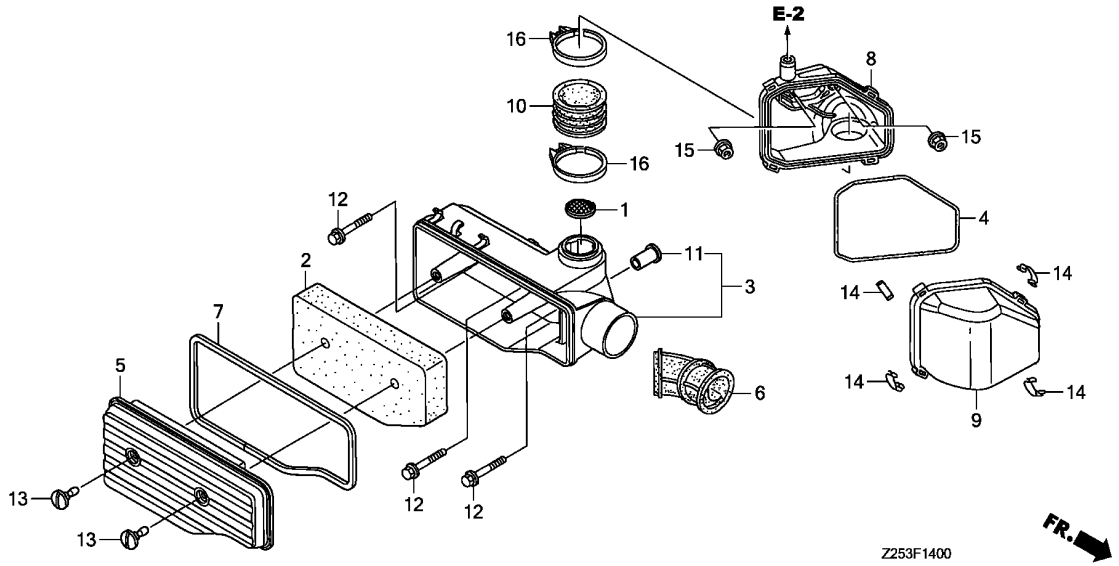
3

RECOIL STARTER



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1121B9	STARTER, RECOIL ----------	0.4
3	1121B1	REEL, RECOIL STARTER ------	0.5
4		(7)	
	1121B0	RATCHET, STARTER AND/OR SPRING, RATCHET ----------	0.4
		.NOTE: Same time for two units	
6	1121B7	SPRING, RECOIL STARTER RETURN	0.5
8		(5)	
	1121A4	GUIDE, RATCHET ----------	0.4
9	1121A9	PULLEY, RECOIL STARTER ----	2.3
		.INCLUDES: Engine removal and installation	
10	1121A3	GRIP, RECOIL STARTER ------	0.1
11	1121B3	ROPE, RECOIL STARTER ------	0.5

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	28400-Z11-003	STARTER ASSY., RECOIL ----	1		
2	28410-Z11-003	CASE COMP., RECOIL STARTER --	1		
3	28421-ZE3-W01	PULLEY, RECOIL STARTER ----	1		
4	28422-ZE2-W01	RATCHET, STARTER ----------	2		
5	28441-ZE2-W01	SPRING, FRICTION ----------	1		
6	28442-ZE2-W01	SPRING, STARTER RETURN ----	1		
7	28443-ZE2-W01	SPRING, RATCHET ----------	2		
8	28444-ZE2-W01	RETAINER, SPRING ----------	1		
9	28451-ZE3-W01	PULLEY, STARTER ----------	1		
10	28460-Z11-003	GRIP ASSY., STARTER ------	1		
11	28462-ZK3-003	ROPE, RECOIL STARTER ------	1		
12	28469-ZE2-W01	GRIP, REINFORCEMENT ------	1		
13	90004-ZE2-W01	SCREW, CENTER ------------	1		
14	90013-883-000	BOLT, FLANGE, 6X12(CT200) --	3		
15	90409-952-000	WASHER, 10MM -------------	1		
16	95701-10025-00	BOLT, FLANGE, 10X25 ------	1		

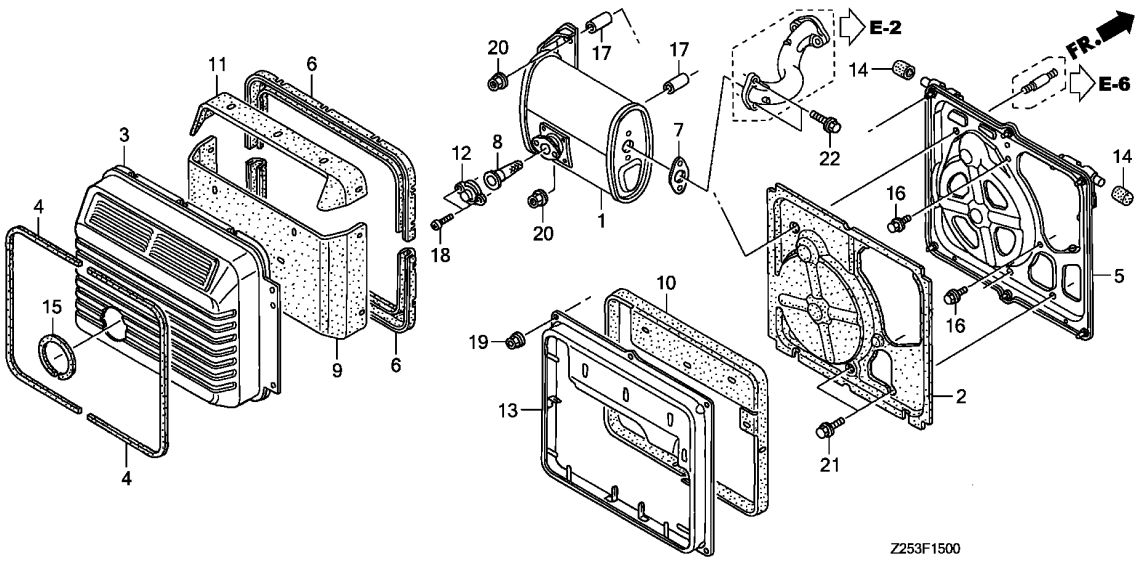


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	3121F6	TRAP, FRAME	0.2
2	3121B8	ELEMENT, AIR CLEANER	0.1
		.INCLUDES: Air cleaner-inspection	
3	3121A5	CASE, AIR CLEANER	0.2
4	3121P8	SEAL, AIR CLEANER CHAMBER	0.1
6	3121P9	RUBBER, AIR CLEANER	0.2
7	3121E9	SEAL, AIR CLEANER COVER	0.1
8	3121P7	CASE, AIR CLEANER CHAMBER	0.2
10	3121K5	TUBE, AIR CLEANER CONNECTING	0.2

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	17203-ZY1-000	TRAP, FLAME	1		
2	17211-Z11-000	ELEMENT, AIR CLEANER	1		
3	17220-Z11-000	CASE COMP., AIR CLEANER	1		
4	17229-Z25-000	SEAL, AIR CLEANER CHAMBER	1		
5	17231-Z11-000	COVER, AIR CLEANER	1		
6	17232-Z25-000	RUBBER, AIR CLEANER	1		
7	17233-Z11-000	SEAL, AIR CLEANER COVER	1		
8	17270-Z25-000	CASE COMP., AIR CLEANER CHAMBER	1		
9	17273-Z25-000	COVER, AIR CLEANER CHAMBER	1		
10	17274-Z25-000	TUBE, AIR CLEANER CONNECTING	1		
11	19619-ZL8-300	COLLAR, FAN COVER	3		
12	90018-ZE1-000	BOLT, FLANGE, 6X23(CT200)	3		
13	90028-ZC3-000	BOLT, AIR CLEANER COVER	2		
14	90659-692-000	CLAMP, CASE	4		
15	94050-06000	NUT, FLANGE, 6MM	2		
16	95018-54250	BAND, AIR CLEANER CONNECTING TUBE (54)	2		

F-15 MUFFLER

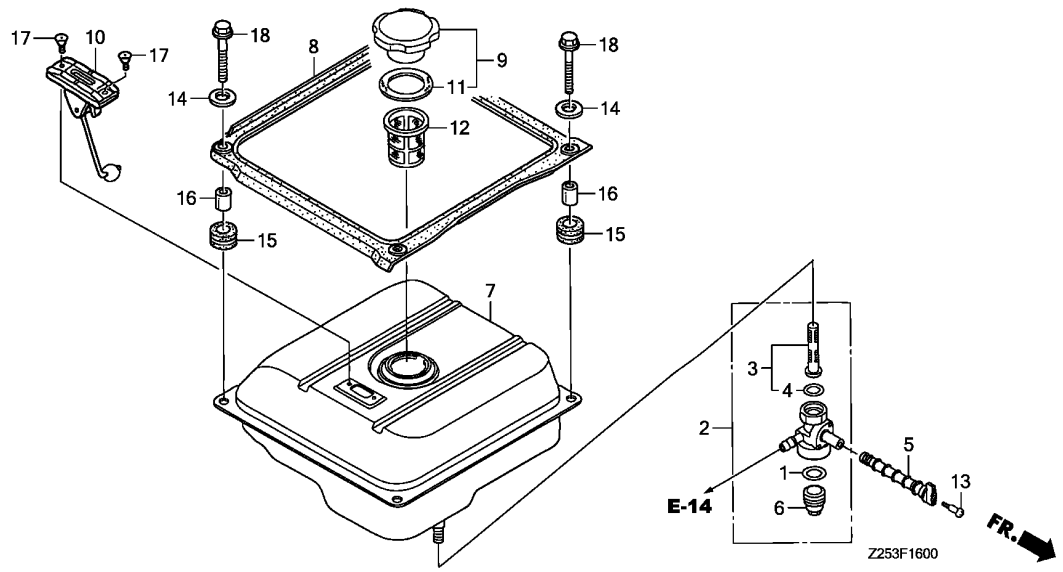
E 7



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	3131C5	MUFFLER, EXHAUST ·····	0.2
2	3131H7	SEPARATOR, MUFFLER :INNER ····	0.3
3		(4,15)	
	3131D9	PROTECTOR, EXHAUST MUFFLER :OUTER ·····	0.2
5	3131D8	PROTECTOR, EXHAUST MUFFLER :INNER ·····	0.6
6	3131G6	SEAL, MUFFLER PROTECTOR ·····	0.3
		.NOTE: Same time for two units	
7	3131H9	GASKET, EXHAUST PIPE(A) ·····	0.2
8	3131A1	ARRESTER, SPARK ·····	0.1
		.INCLUDES: Spark arrester check	
9	3131P1	INSULATOR, MUFFLER PROTECTOR (A) ·····	0.2
10	3131P2	INSULATOR, MUFFLER PROTECTOR (B) ·····	0.3
11	3131P3	INSULATOR, MUFFLER PROTECTOR (C) ·····	0.2
12	3131D0	PIPE, EXHAUST TAIL ·····	0.1
13	3131P4	GUIDE, EXHAUST AIR ·····	0.3

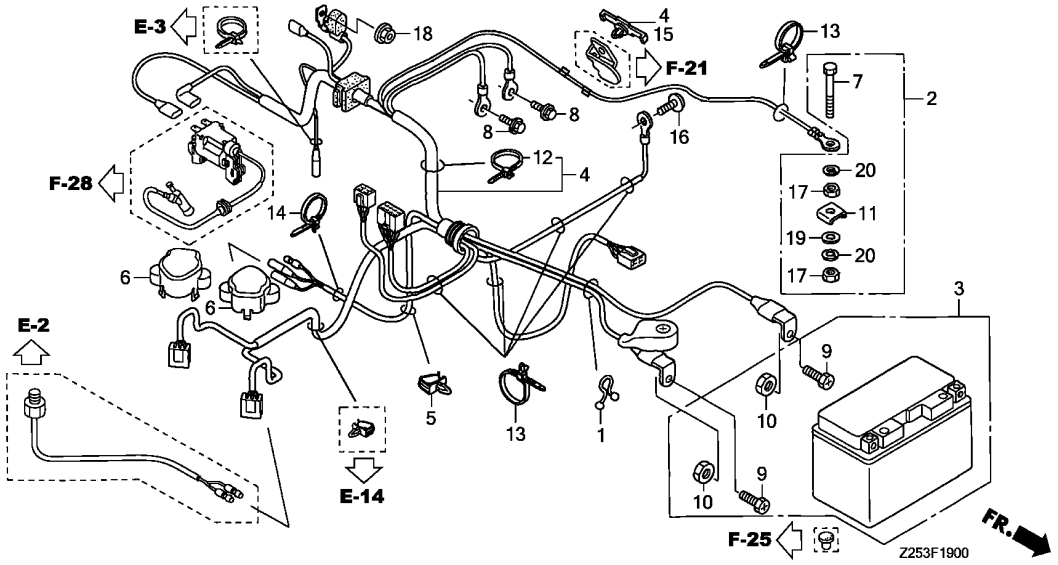
Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	18310-Z25-003	MUFFLER COMP. ·····	1		
2	18318-Z25-000	SEPARATOR, MUFFLER INNER ····	1		
3	18320-Z25-000ZA	PROTECTOR COMP., MUFFLER OUTER *NH105*...MAT BLACK (#15-#20)	1		
4	18322-Z25-000	SEAL, 10X5X7.85 ·····	2		
5	18325-Z11-010	PROTECTOR COMP., MUFFLER INNER	1		
6	18329-Z25-000	SEAL, MUFFLER PROTECTOR ·····	2		
7	18333-ZB7-800	GASKET, EX. PIPE ·····	1		
8	18355-Z11-A30	ARRESTER, SPARK ·····	1		
9	18376-Z11-A60	INSULATOR, MUFFLER PROTECTOR (A)	1		
10	18377-Z25-000	INSULATOR, MUFFLER PROTECTOR (B)	1		
11	18378-Z25-000	INSULATOR, MUFFLER PROTECTOR (C)	1		
12	18390-Z25-000	PIPE COMP., EX. TAIL ·····	1		
13	18510-Z25-000	GUIDE COMP., EX. AIR ·····	1		
14	50388-Z11-000	RUBBER, STOPPER ·····	2		
15	63312-Z25-000	SEAL, 10X8X29.0 ·····	1		
16	90013-883-000	BOLT, FLANGE, 6X12(CT200) ···	2		
17	91554-Z25-000	COLLAR, MUFFLER ·····	2		
18	93500-05016-4J	SCREW, PAN, 5X16 ·····	2		
19	94050-06070	NUT, FLANGE, 6MM ·····	6		
20	94050-08000	NUT, FLANGE, 8MM ·····	2		
21	95701-08016-00	BOLT, FLANGE, 8X16 ·····	2		
22	95701-08025-00	BOLT, FLANGE, 8X25 ·····	2		

FUEL TANK



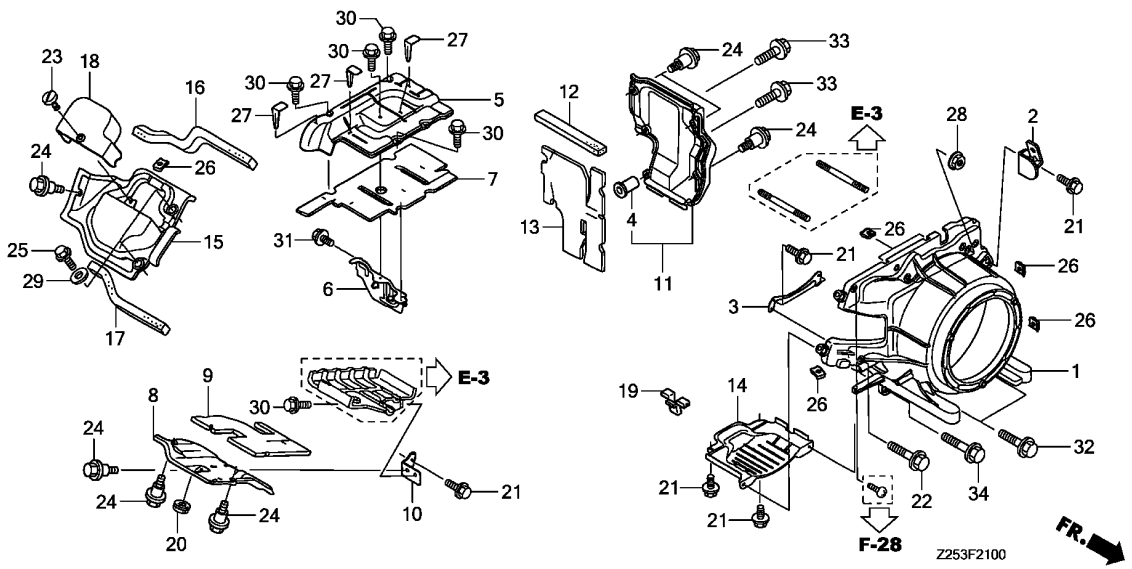
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1		(6)	
	3101L6	PACKING, FUEL STRAINER CUP ---	0.1
2	3101A3	COCK, FUEL -----------	0.3
3		(4)	
	3101D5	SCREEN, FUEL STRAINER -------	0.3
5	3101E6	LEVER, FUEL COCK -----------	0.1
7	3101H7	TANK, FUEL -----------	0.5
8	3101U2	SEAL, FUEL TANK -----------	0.3
10	6171A1	METER/GAUGE UNIT, FUEL -------	0.1
12	3101A6	FILTER, FUEL -----------	0.1

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	16173-001-004	PACKING, FUEL STRAINER CUP --	1		
2	16950-Z11-003	COCK ASSY., FUEL -----------	1		
3	16952-ZB4-005	SCREEN, FUEL STRAINER -------	1		
4	16958-397-771	O-RING ----------	1		
5	16963-Z11-000	LEVER, FUEL COCK -----------	1		
6	16967-GA6-671	CUP, FUEL STRAINER ----------	1		
7	17510-Z25-000ZA	TANK COMP., FUEL			
		R280.....POWER RED	1		
8	17537-Z25-000	SEAL, FUEL TANK -----------	1		
9	17620-899-013	CAP COMP., FUEL FILLER ------	1		
10	17630-Z11-A31	METER ASSY., FUEL ----------	1		
11	17631-899-000	PACKING, FUEL FILLER CAP ----	1		
12	17670-ZB6-000	FILTER COMP., FUEL ----------	1	-------- --------	L,R,U
	17670-899-000	----------	1	-------- --------	SK
13	90105-ZT3-000	SCREW, PAN, 4X19 -----------	1		
14	90501-Z15-000	WASHER, 6MM ----------	4		
15	90851-898-000	RUBBER, TANK CUSHION --------	4		
16	91551-Z25-000	COLLAR, TANK CUSHION --------	4		
17	93600-05010-0A	SCREW, FLAT, 5X10 ----------	2		
18	95701-06025-07	BOLT, FLANGE, 6X25 ----------	4		



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2	6221E1	TERMINAL SET, EARTH ·····	0.2
3	6101A7	BATTERY ·····	0.1
4	6111C0	HARNESS, ENGINE WIRE ·····	1.5
6	3111F9	COVER, THROTTLE MOTOR ·····	0.1
		.NOTE: Same time for two units	
	8101BB	COVER, CHOKE MOTOR ·····	0.1
		.NOTE: Same time for two units	

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	15712-PD1-811	CLIP, BREATHER TUBE PROTECTOR	1		
2	31428-899-840	TERMINAL SET, EARTH ·····	1		
3	31500-MCR-D02	BATTERY (YTZ14S)(GS YUASA) ··	1		
4	32110-Z25-A00	HARNESS ASSY., ENGINE WIRE ··	1	-------- --------	R,SK,U
	32110-Z25-A30	·····	1	-------- --------	L
5	32172-GJ1-003	CLIP B, HARNESS ·····	1		
6	36168-Z11-003	COVER, THROTTLE MOTOR ·····	2		
7	90011-899-840	BOLT, HEX., 6X28 ·····	1		
8	90013-883-000	BOLT, FLANGE, 6X12(CT200) ···	2		
9	90122-KCW-007	BOLT, BATTERY TERMINAL ·····	2		
10	90306-KCW-007	NUT, BATTERY TERMINAL ·····	2		
11	90501-ZA7-640	RETAINER, 6MM ·····	1		
12	90672-SA0-003	STRAP, CABLE, 118MM(BLACK) ··	1		
13	90672-SB2-003	STRAP, CABLE, 105MM(BLACK) ··	5		
14	91507-P01-003	CLIP B, HARNESS BAND (DARK BROWN)(129.4MM)	1		
15	91507-693-003	CLIP, WIRE HARNESS (BLACK) (50MM)(HARNESS TAPING)	1		
16	93500-05008-3J	SCREW, PAN, 5X8 ·····	1		
17	94001-06390-0S	NUT, HEX., 6MM ·····	2		
18	94070-08080	NUT-WASHER, 8MM ·····	1		
19	94101-06800	WASHER, PLAIN, 6MM ·····	1		
20	94111-06800	WASHER, SPRING, 6MM ·····	2		

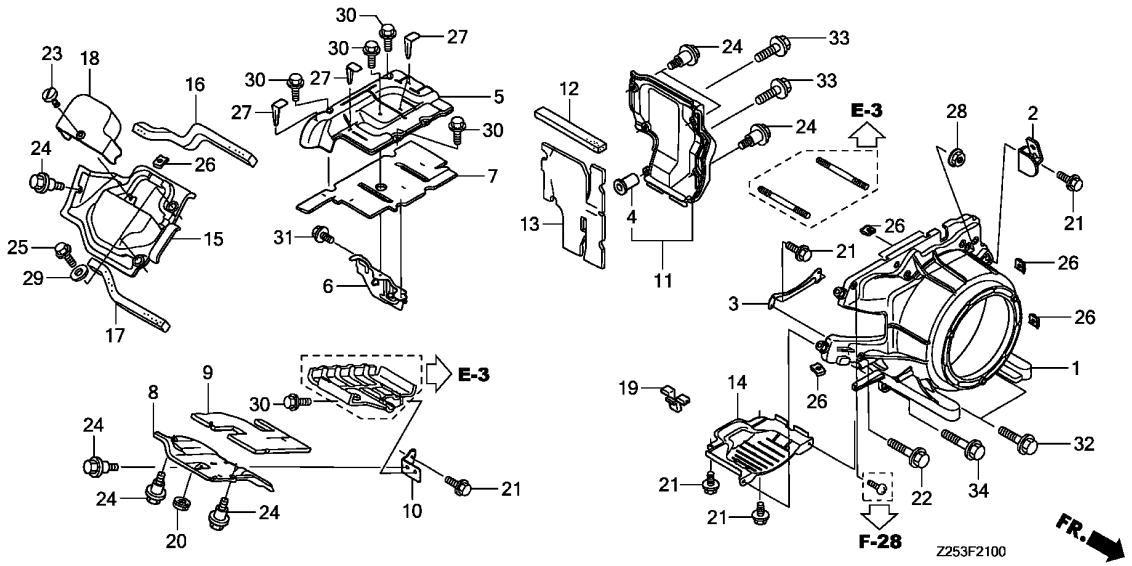


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	1141G8	COVER, ENGINE COOLING FAN ···· .INCLUDES: Engine removal and installation	2.2
5	4141E2	SHROUD, ENGINE :UPPER ·····	0.3
7	4141J2	INSULATOR, SHROUD :UPPER ·····	0.3
8	4141E0	SHROUD, ENGINE :LOWER ·····	0.3
9	4141J1	INSULATOR, SHROUD :LOWER ·····	0.3
11		(12)	
	4141D9	SHROUD, ENGINE :LEFT ·····	0.1
13	4141J3	INSULATOR. SIDE COVER :LEFT ··	0.1
14	4141F3	SHROUD, ENGINE UNDER ····· .INCLUDES: Engine removal and installation	1.7
15		(16,17)	
	4141F4	SHROUD, HEAD COVER ·····	0.1
18	4131L7	COVER, SPARK PLUG MAINTENANCE	0.1

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	19611-Z11-405	COVER, FAN ·····	1		
2	19612-Z25-000	PLATE, R. SIDE ·····	1		
3	19617-Z11-000	BRACKET, FAN COVER ·····	1		
4	19619-ZL8-300	COLLAR, FAN COVER ·····	2		
5	19631-Z11-000	SHROUD, UPPER ·····	1		
6	19634-Z11-000	BRACKET, UPPER SHROUD ·····	1		
7	19637-Z11-000	INSULATOR, UPPER SHROUD ·····	1		
8	19641-Z11-000	SHROUD, LOWER ·····	1		
9	19647-Z11-000	INSULATOR, SHROUD LOWER ·····	1		
10	19649-Z11-000	BRACKET, LOWER SHROUD ·····	1		
11	19665-Z11-000	SHROUD COMP., R. SIDE ·····	1		
12	19666-Z11-000	SEAL, R. SIDE COVER ·····	1		
13	19668-Z11-000	INSULATOR, R. SIDE COVER ····	1		
14	19671-Z11-000	SHROUD, UNDER ·····	1		
15	19681-Z11-000	SHROUD, HEAD COVER ·····	1		
16	19683-Z11-000	SEAL, HEAD COVER SHROUD UPPER	1		
17	19684-Z11-000	SEAL, HEAD COVER SHROUD LOWER	1		
18	63347-Z11-000	COVER, PLUG ·····	1		
19	63714-Z25-000	RUBBER, OIL CHECK ·····	1		
20	64266-MG9-770	GROMMET, SPEAKER PANEL ·····	1		
21	90013-883-000	BOLT, FLANGE, 6X12(CT200) ···	6		
22	90018-ZE1-000	BOLT, FLANGE, 6X23(CT200) ···	1		
23	90028-ZC3-000	BOLT, AIR CLEANER COVER ·····	1		
24	90103-Z11-000	BOLT, SPECIAL, 6MM ·····	7		
25	90110-Z11-000	BOLT, FLANGE, 6X12(CT200) ···	2		

F-21 SHROUD/FAN COVER

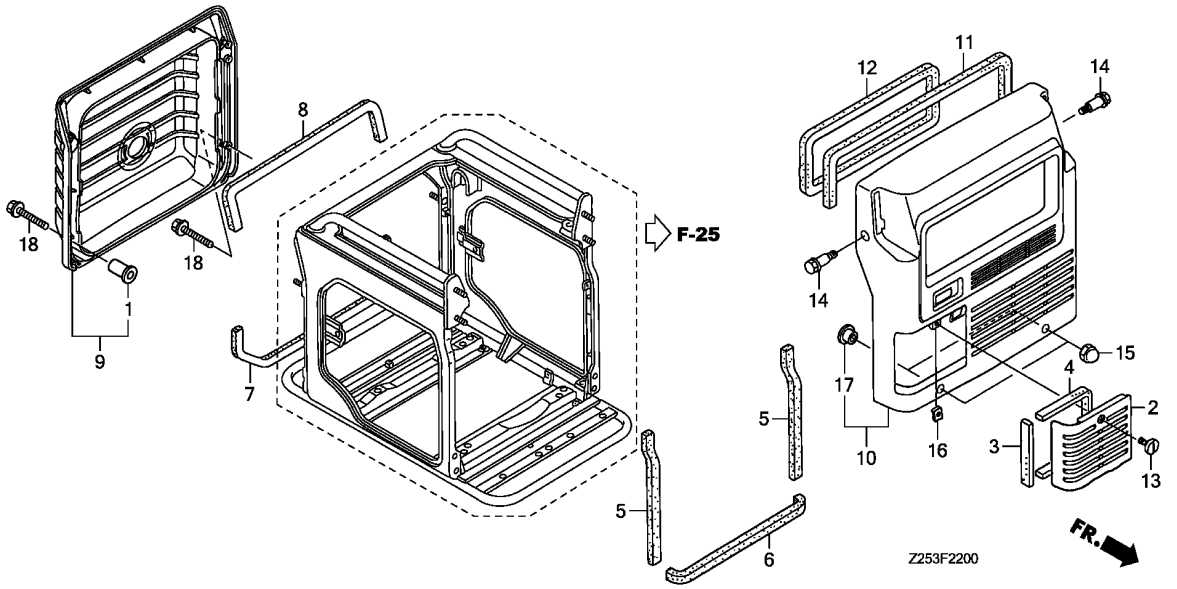
E11



Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
26	90320-747-000	NUT, SPRING, 6MM	6		
27	90686-ZG3-300	CLIP, INSULATOR BIND (A)	4		
28	94050-06000	NUT, FLANGE, 6MM	2		
29	94103-06700	WASHER, PLAIN, 6MM	2		
30	95701-06012-00	BOLT, FLANGE, 6X12	6		
31	95701-06012-07	BOLT, FLANGE, 6X12	1		
32	95701-06020-00	BOLT, FLANGE, 6X20	2		
33	95701-06022-07	BOLT, FLANGE, 6X22	2		
34	95701-06030-00	BOLT, FLANGE, 6X30	2		

F-22 FRONT COVER/REAR COVER

E12



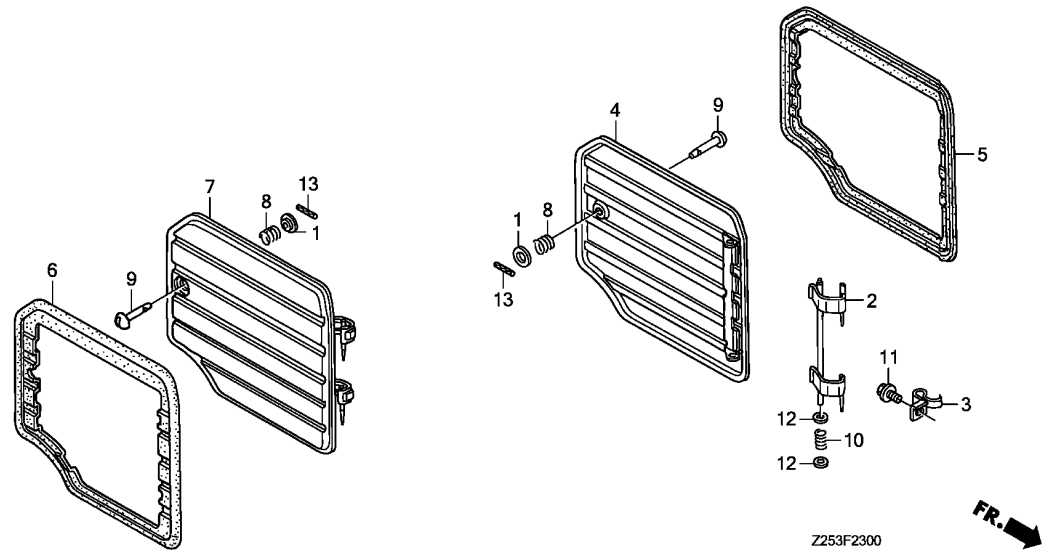
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2		(3,4)	
	4131K5	COVER, MAINTENANCE ----------	0.1
9		(7,8)	
	4101E0	COVER, GENERATOR :REAR -------	0.1
10		(11,12)	
	410107	COVER, GENERATOR :FRONT ------	0.2

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	17208-GR1-010	COLLAR, AIR CLEANER SETTING -	6		
2	63151-Z11-000ZA	COVER, MAINTENANCE *NH314*.....CONDUCT GRAY	1		
3	63153-Z11-000	SEAL A, MAINTENANCE COVER ---	1		
4	63154-Z11-000	SEAL B, MAINTENANCE COVER ---	1		
5	63163-Z25-000	SEAL, 10X6X320 ------------	2		
6	63164-Z25-000	SEAL, 10X10X500 -----------	1		
7	63166-Z25-000	SEAL, 10X6X605 ------------	1		
8	63167-Z25-000	SEAL, 10X5X640 ------------	1		
9	63310-Z25-000ZA	COVER COMP., RR. *NH314*.....CONDUCT GRAY	1		
10	63510-Z11-000ZA	COVER COMP., FR. *NH314*.....CONDUCT GRAY	1		
11	63522-Z11-000	SEAL A, FR. COVER ----------	1		
12	63524-Z11-000	SEAL C, FR. COVER ----------	1		
13	90028-ZC3-000	BOLT, AIR CLEANER COVER ----	1		
14	90104-Z11-000	BOLT, SPECIAL, 6X26 --------	2		
15	90301-693-000	NUT, OPEN STAY, 6MM --------	2		
16	90320-747-000	NUT, SPRING, 6MM -----------	1		
17	90505-Z11-000	COLLAR, FR. COVER ----------	2		
18	95701-06030-07	BOLT, FLANGE, 6X30 ---------	2		

3

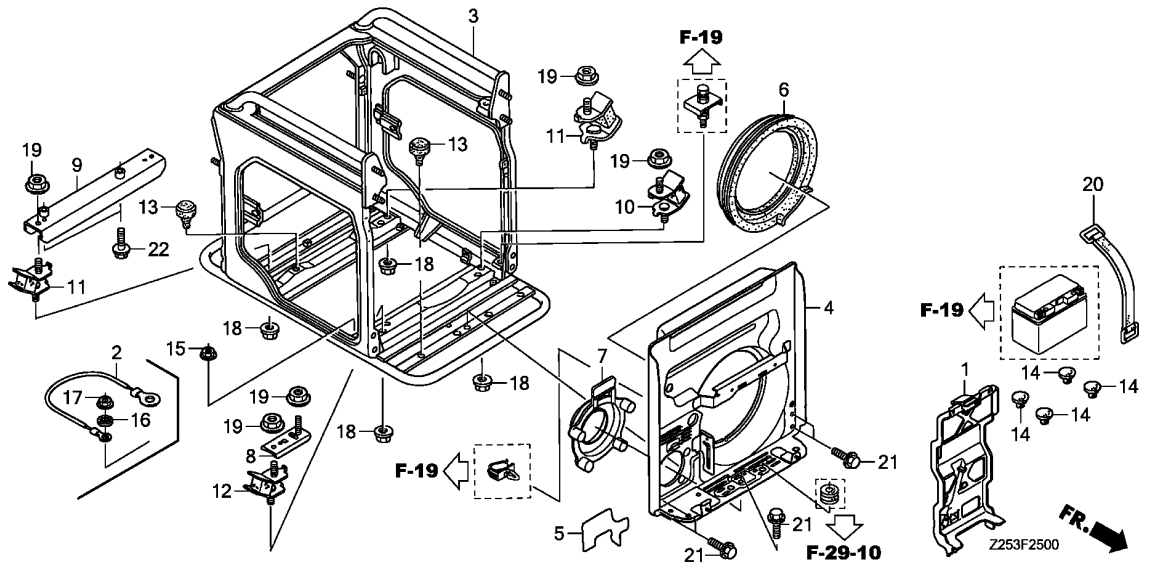
F-23 MAINTENANCE COVER

E13



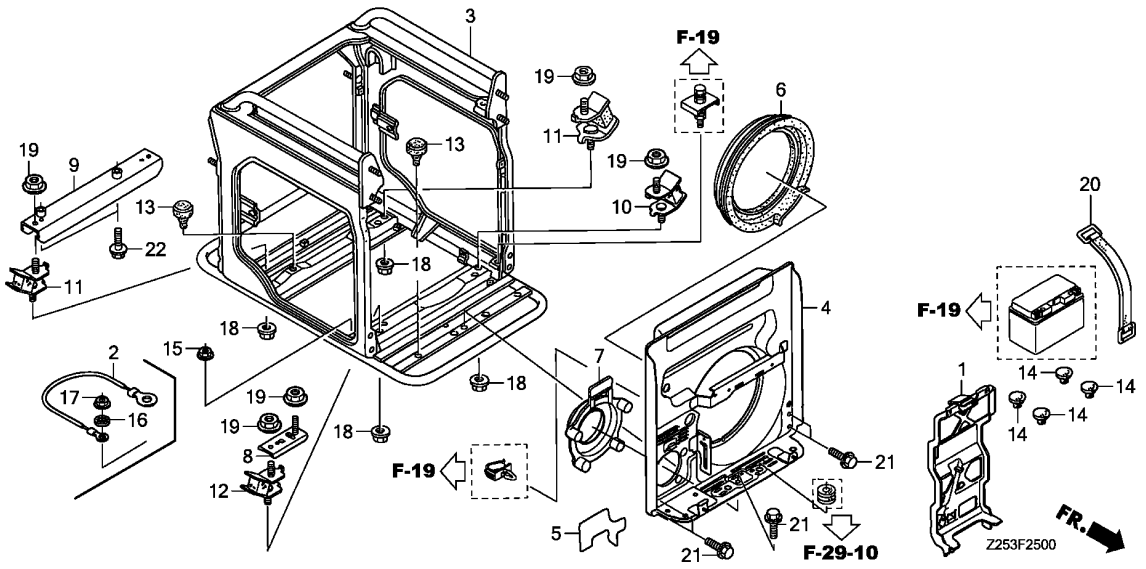
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2	4131AU	HINGE, MAINTENANCE COVER :LEFT	0.1
3	4131AV	SPRING, HINGE PLATE ----------	0.1
4	4131AS	COVER, MAINTENANCE :LEFT -----	0.3
5	4141U5	SEAL, MAINTENANCE COVER :LEFT	0.2
6	4141U6	SEAL, MAINTENANCE COVER :RIGHT	0.1
7	4131AT	COVER, MAINTENANCE :RIGHT ----	0.3
8		(9)	
	4131AW	SPRING, MAINTENANCE COVER LOCK :LEFT ----------	0.2
	4131AX	SPRING, MAINTENANCE COVER LOCK :RIGHT ----------	0.2

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	50129-862-000	RETAINER, LOCK SPRING -------	2		
2	63140-Z25-000	HINGE COMP., R. MAINTENANCE COVER	1		
3	63142-Z25-000	SPRING, HINGE PLATE ---------	1		
4	63151-Z25-000ZA	COVER COMP., R. MAINTENANCE *R280*.....POWER RED	1		
5	63153-Z25-000	SEAL, R. MAINTENANCE COVER --	1		
6	63154-Z25-000	SEAL, L. MAINTENANCE COVER --	1		
7	63171-Z25-000ZA	COVER COMP., L. MAINTENANCE *R280*.....POWER RED	1		
8	63173-Z25-000	SPRING, COVER LOCK ----------	2		
9	63175-Z25-000	PIN, COVER LOCK ------------	2		
10	63191-Z25-000	SPRING, MAINTENANCE COVER ---	1		
11	90002-MC7-000	BOLT, FLANGE, 5X8 ----------	1		
12	90405-463-000	WASHER, 8MM ----------	2		
13	94305-40203	PIN, SPRING, 4X20 ----------	2		



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	4141F7	BRACKET, WIRE HARNESS CLIP ---	0.3
2	6111A4	CABLE, EARTH ----------	1.0
3	4101H6	FRAME, MAIN ----------	2.0
		.INCLUDES: Engine removal and installation	
4	4101H5	FRAME, FRONT ----------	1.1
6	4141F5	RUBBER A, SEPARATOR SEAL -----	1.0
7	4141F6	RUBBER B, SEPARATOR SEAL -----	0.2
9	4101T9	BRACKET, ENGINE MOUNTING :REAR	1.6
		.INCLUDES: Engine removal and installation	
10	4101V0	RUBBER, BOTTOM :LEFT FRONT ---	1.9
		.INCLUDES: Engine removal and installation	
		.NOTE: Same time for two units	
11	4101V3	RUBBER, BOTTOM :LEFT REAR ----	1.9
		.INCLUDES: Engine removal and installation	
		.NOTE: Same time for two units	
	4101V4	RUBBER, BOTTOM :RIGHT REAR ---	1.9
		.INCLUDES: Engine removal and installation	
		.NOTE: Same time for two units	
+12	4101V1	RUBBER, BOTTOM :RIGHT FRONT --	1.9

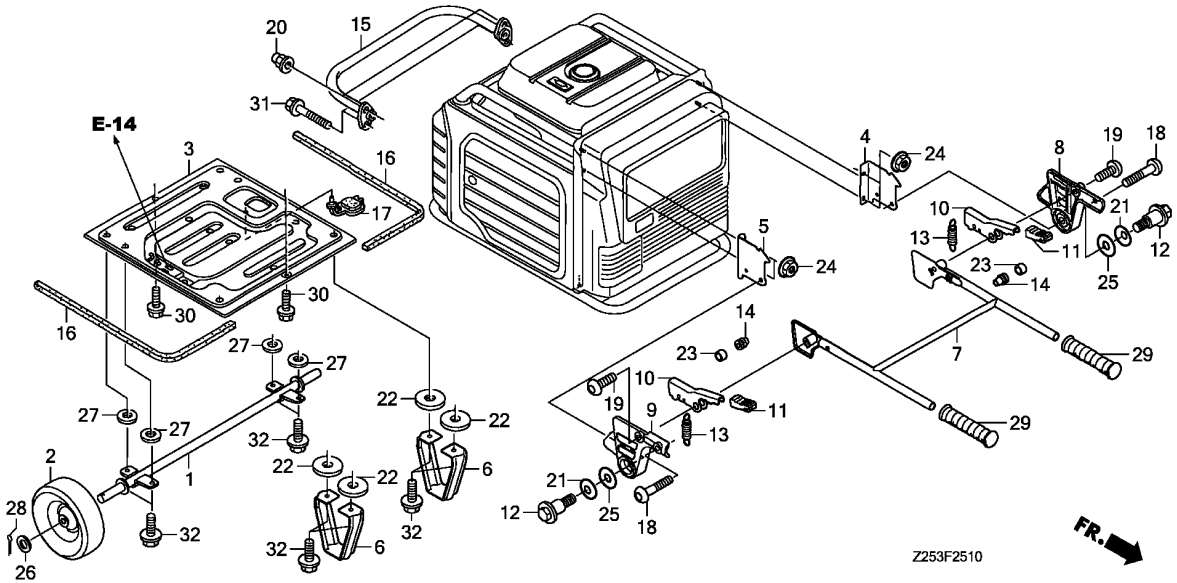
Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	32103-Z11-000	BRACKET, WIRE HARNESS CLIP --	1		
2	32610-Z11-A00	CABLE COMP., SUB EARTH ------	1	-------- --------	L
	32610-Z11-A40	----------	1	-------- --------	U
3	50305-Z25-000ZA	FRAME COMP., GENERATOR *NH105*...MAT BLACK (#15-#20)	1		
4	63640-Z25-000	FRAME COMP., FR. ----------	1		
5	63642-Z25-000	SEAL, FR. FRAME ----------	1		
6	63776-Z11-000	RUBBER A, SEPARATOR SEAL ----	1		
7	63778-Z11-000	RUBBER B, SEPARATOR SEAL ----	1		
8	68322-Z11-000ZA	BRACKET, FR. ENGINE MOUNT *NH105*...MAT BLACK (#15-#20)	1		
9	68323-Z11-000	BRACKET, RR. ENGINE MOUNT ---	1		
10	68325-ZC2-000	RUBBER, BOTTOM ----------	1		
11	68325-Z11-000	RUBBER, BOTTOM ----------	2		
12	68326-Z11-000	RUBBER, L. BOTTOM ----------	1		
13	68346-ZC3-700	RUBBER, STOPPER ----------	3		
14	83618-GF0-751	RUBBER, BATTERY BOX ---------	4		
15	90201-ZM0-000	NUT, FLANGE, 6MM ----------	1	-------- --------	R,SK
16	90432-898-000	WASHER, LOCK, 6MM ----------	1	-------- --------	L,U
17	94050-06000	NUT, FLANGE, 6MM ----------	1	-------- --------	L,U
18	94050-08000	NUT, FLANGE, 8MM ----------	4		
19	94050-10000	NUT, FLANGE, 10MM ----------	5		
20	95012-17001	BAND F, BATTERY ----------	1		
21	95701-08012-00	BOLT, FLANGE, 8X12 ----------	5		
22	95701-08030-00	BOLT, FLANGE, 8X30 ----------	2		



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
+12		.INCLUDES: Engine removal and installation .NOTE: Same time for two units	

F-25-10 HANDLE/WHEEL/HANGER

E16



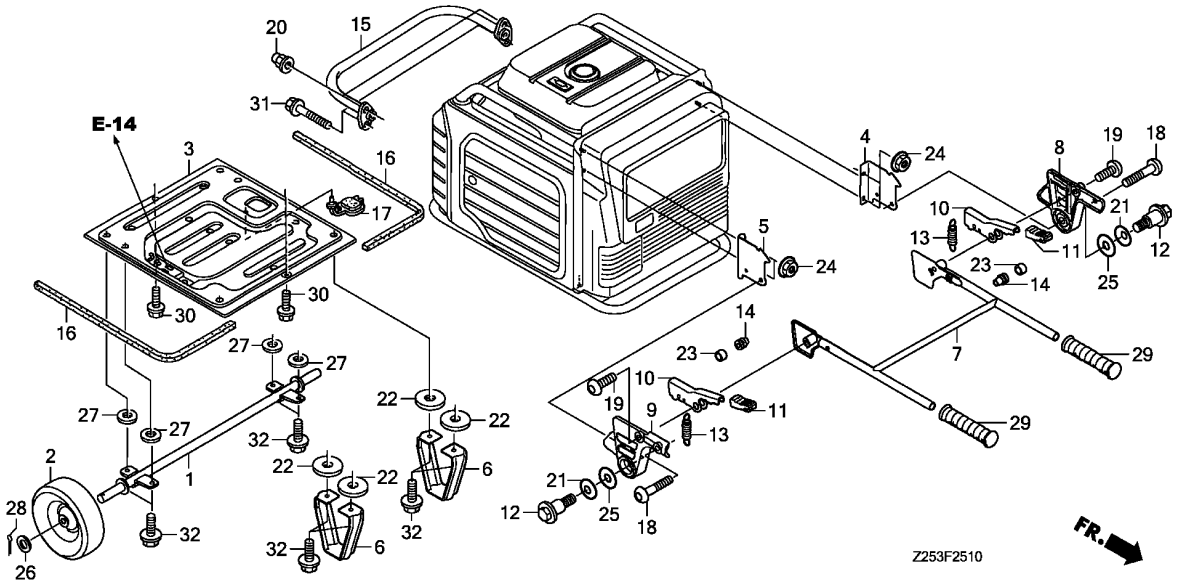
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	2091E4	SHAFT, WHEEL	0.3
2	71101B4	WHEEL :LEFT	0.2
	71101B4A	.Replace one add	0.1
	71101B5	WHEEL :RIGHT	0.2
	71101B5A	.Replace one add	0.1
3	41101CG	PLATE, UNDER	0.5
6	41101V5	STAND :LEFT	0.2
	41101V5A	.Replace one add	0.1
	41101V6	STAND :RIGHT	0.2
	41101V6A	.Replace one add	0.1
7	81101J5	PIPE, HANDLE	0.3
8	8101PO	HOLDER, HANDLE :LEFT	0.1
	8101POA	.Replace right handle holder add	0.1
9	8101P1	HOLDER, HANDLE :RIGHT	0.1
	8101P1A	.Replace left handle holder add	0.1
13	4131AQ	SPRING, HANDLE LEVER :LEFT	0.1
	4131AQA	.Replace right handle lever spring add	0.1
	4131AR	SPRING, HANDLE LEVER :RIGHT	0.1
	4131ARA	.Replace left handle lever spring add	0.1
15	4101UO	PIPE, GUARD :REAR	0.1
+29	4131EO	GRIP, HANDLE :LEFT	0.1

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	42310-Z25-000	SHAFT COMP., WHEEL	1		
2	42710-899-801	WHEEL COMP., 10"X2.75"	2		
3	50323-Z25-000	PLATE, UNDER	1		
4	50337-Z11-000	BRACKET, R. HANDLE	1		
5	50338-Z11-000	BRACKET, L. HANDLE	1		
6	51511-Z11-000ZA	STAND *NH105*...MAT BLACK (#15-#20)	2		
7	53110-Z11-000ZA	PIPE COMP., HANDLE *NH105*...MAT BLACK (#15-#20)	1		
8	53112-Z11-000	HOLDER, R. HANDLE	1		
9	53113-Z11-000	HOLDER, L. HANDLE	1		
10	53114-Z11-000	LEVER COMP., HANDLE	2		
11	53115-Z11-000	RUBBER, GRIP	2		
12	53116-Z11-000	BOLT, HANDLE HOLDER	2		
13	53117-Z11-000	SPRING, HANDLE LEVER	2		
14	53118-Z11-000	RUBBER, STOPPER	2		
15	53170-Z25-000ZA	PIPE COMP., RR. *NH105*...MAT BLACK (#15-#20)	1		
16	63165-Z25-000	SEAL, 8X8X705	2		
17	63713-Z25-000	PLUG, OIL DRAIN	1		
18	90109-Z11-000	BOLT, SOCKET, 8X45	2		
19	90128-KET-900	BOLT, SOCKET, 8X22	2		
20	90301-693-000	NUT, OPEN STAY, 6MM	2		
21	90503-Z11-000	WASHER, SPRING	2		
22	90516-Z25-000	WASHER, PLAIN, 10.3X34	4		

3

F-25-10 HANDLE/WHEEL/HANGER

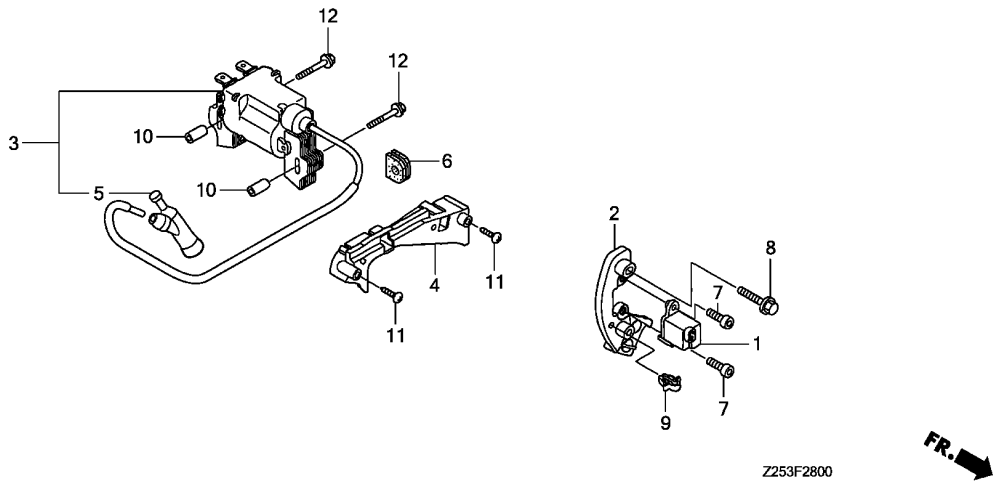
F 1



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
+29		.NOTE: Same time for two units	
	4131E1	GRIP, HANDLE :RIGHT ----------	0.1
		.NOTE: Same time for two units	

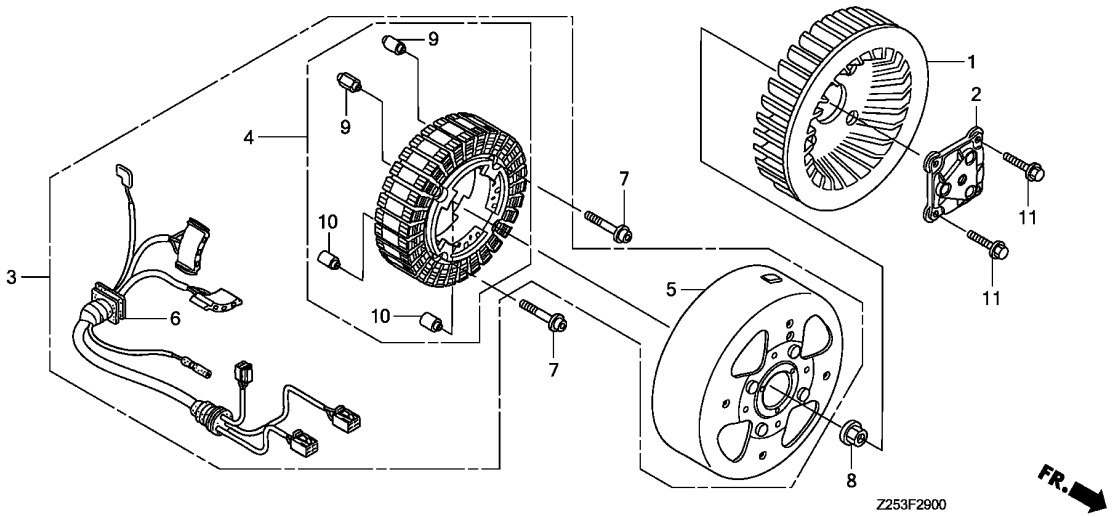
Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
23	91555-Z11-000	COLLAR, HANDLE ----------	2		
24	94050-08000	NUT, FLANGE, 8MM ----------	4		
25	94101-12000	WASHER, PLAIN, 12MM ---------	2		
26	94102-20000	WASHER, PLAIN, 20MM ---------	2		
27	94103-08800	WASHER, PLAIN, 8MM ----------	4		
28	94201-40280	PIN, SPLIT, 4.0X28 ----------	2		
29	95011-14100	GRIP D, R. HANDLE ----------	2		
30	95701-06016-00	BOLT, FLANGE, 6X16 ----------	2		
31	95701-06030-07	BOLT, FLANGE, 6X30 ----------	2		
32	95701-08025-00	BOLT, FLANGE, 8X25 ----------	8		

IGNITION COIL



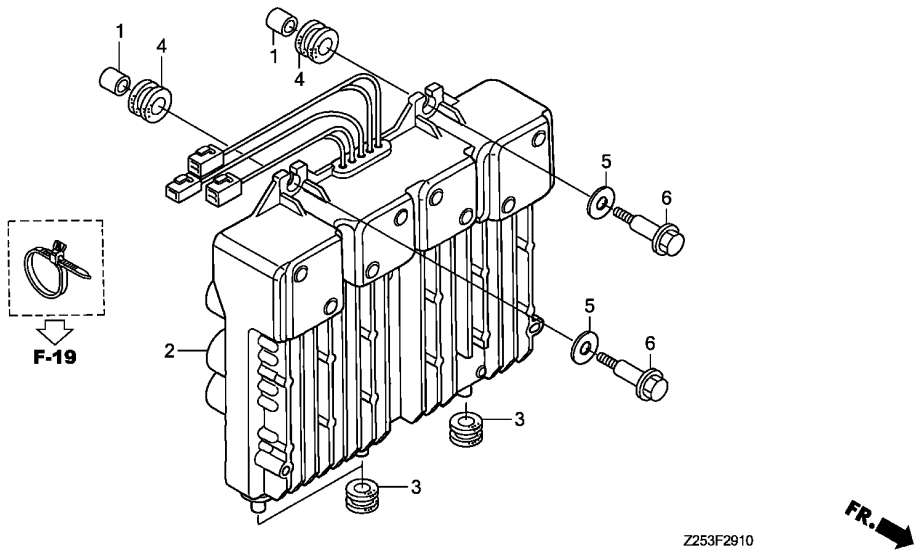
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	6141B6	GENERATOR, IGNITION PULSE ----	2.3
		.INCLUDES: Engine removal and installation	
3	6141A5	COIL, IGNITION(ONE) ----------	0.8
4	6141C2	CLAMPER, HIGH TENSION CORD ---	0.3
5	6141B8	TERMINAL, HIGH TENSION -------	0.1

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	30300-HA0-033	IGNITION PULSE GENERATOR ASSY. (TEC)	1		
2	30312-Z11-000	BRACKET, PULSER COIL --------	1		
3	30500-Z11-003	COIL ASSY., IGNITION --------	1		
4	30524-Z11-000	CLAMPER, HIGH TENSION CORD --	1		
5	30700-Z1T-003	CAP ASSY., NOISE SUPPRESSOR -	1		
6	31512-Z11-000	GROMMET, CORD ----------	1		
7	90049-KBH-000	BOLT, SOCKET, 5X14 ----------	2		
8	90121-952-000	BOLT, FLANGE, 6X25(CT200) ---	2		
9	90660-ZA0-600	CLIP, ENGINE KILL SWITCH CORD	1		
10	91501-ZL8-000	COLLAR, 6.6X13.8X14.5 -------	2		
11	93913-25410	SCREW, TAPPING, 5X16(PO) ----	2		
12	95801-06045-00	BOLT, FLANGE, 6X45 ----------	2		



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	6201B7	FAN, GENERATOR COOLING ····· .INCLUDES: Engine removal and installation	2.3
2	6201C4	ADAPTER, RECOIL PULLEY ····· .INCLUDES: Engine removal and installation	2.3
3	6201A4	GENERATOR ASSEMBLY ····· .INCLUDES: Engine removal and installation	2.7
4	6201B9	STATOR, GENERATOR ····· .INCLUDES: Engine removal and installation	2.7
5	6201A9	ROTOR, GENERATOR ····· .INCLUDES: Engine removal and installation	2.5
6	6201B8	HARNESS, GENERATOR WIRE ····· .INCLUDES: Engine removal and installation	2.7

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	19510-Z11-000	FAN COMP., COOLING ·····	1		
2	28453-Z11-010	ADAPTER, RECOIL PULLEY ·····	1		
3	31000-Z11-A30	GENERATOR ASSY. (###) ·····	1		
4	31018-Z11-A30	CORE SET, STATOR COIL ·····	1		
5	31130-Z11-A00	ROTOR COMP. ·····	1		
6	32158-Z11-A30	HARNESS ASSY., GENERATOR WIRE	1		
7	90102-Z11-000	BOLT, FLANGE SOCKET, 6X78 (CT200)	4		
8	90201-ZE3-790	NUT, SPECIAL, 16MM ·····	1		
9	91551-Z03-000	COLLAR, STATOR (6.3X13X21.5)	2		
10	91552-Z03-000	COLLAR, STATOR (6.3X13X16.5)	2		
11	95701-06025-00	BOLT, FLANGE, 6X25 ·····	4		

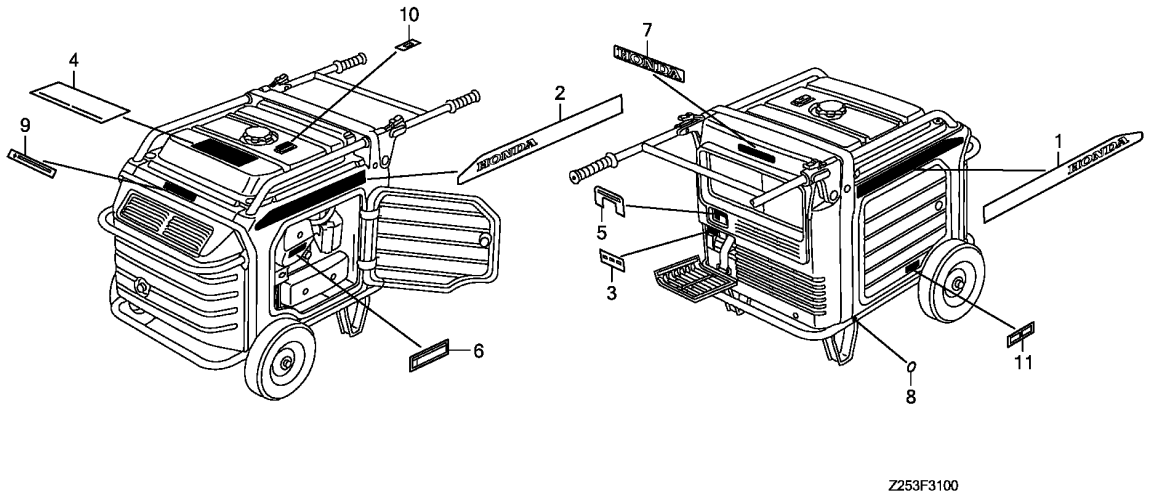


Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
2	6221F7	INVERTER UNIT, GENERATOR -----	0.5
3	6221G3	RUBBER, INVERTER UNIT :LOWER -	0.3
		.NOTE: Same time for two units or more	
4	6221G2	RUBBER, INVERTER UNIT :UPPER -	0.3
		.NOTE: Same time for two units	

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	17272-ZC3-300	COLLAR, IN. JOINT ----------	2		
2	31310-Z25-A30	INVERTER UNIT COMP. ---------	1	-------- --------	L,U
	31310-Z25-B60	----------	1	-------- --------	R,SK
3	90851-898-000	RUBBER, TANK CUSHION --------	3		
4	91651-ZS9-000	RUBBER, INVERTER UNIT -------	2		
5	94103-06000	WASHER, PLAIN, 6MM ----------	2		
6	95701-06025-00	BOLT, FLANGE, 6X25 ----------	2		

F-31 LABEL

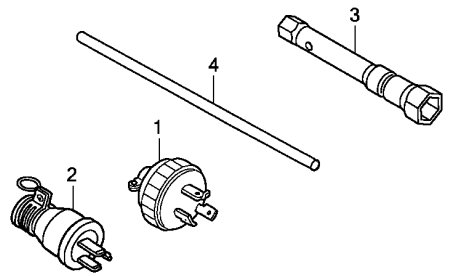
F 5



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
NO INFORMATION ----------			

3

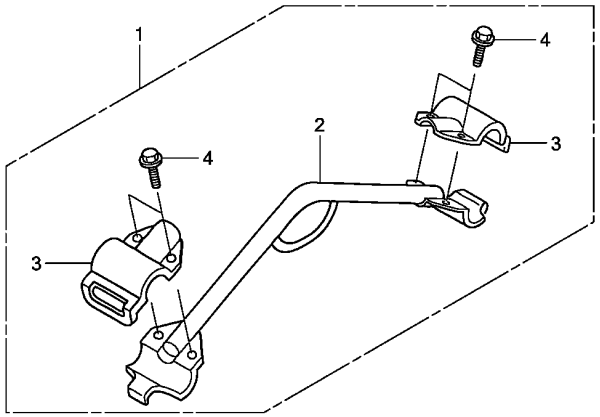
Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	87101-Z25-A60	MARK, EMBLEM (R.) ----------	1		
2	87102-Z25-A60	MARK, EMBLEM (L.) ----------	1		
3	87117-Z11-A00	MARK, BRANCH FUSE ----------	1		
4	87150-Z11-A70	MARK, CAUTION ----------	1	-------- --------	L,R
	87150-Z11-R10	----------	1	-------- --------	SK
	87150-Z22-A30	MARK, CAUTION (E) ----------	1	-------- --------	U
5	87264-Z11-A30	MARK, PANEL SWITCH ----------	1	-------- --------	L
	87264-Z11-A70	----------	1	-------- --------	R,SK,U
6	87511-ZT3-S20	MARK, CAUTION VOLTAGE -------	1	-------- --------	SK
7	87531-Z11-A00	MARK, HONDA ----------	1		
8	87534-892-640	MARK, EARTH ----------	1		
9	87539-Z25-A30	MARK, EX. CAUTION ----------	1	-------- --------	U
	87539-Z25-A40	----------	1	-------- --------	L,R
	87539-Z25-R10	----------	1	-------- --------	SK
10	87565-ZB4-A00	PLATE, FUEL INDICATION ------	1		
11	87594-Z25-A00	MARK, OIL CAUTION ----------	1		



Z253F3200

Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
NO INFORMATION ----------			

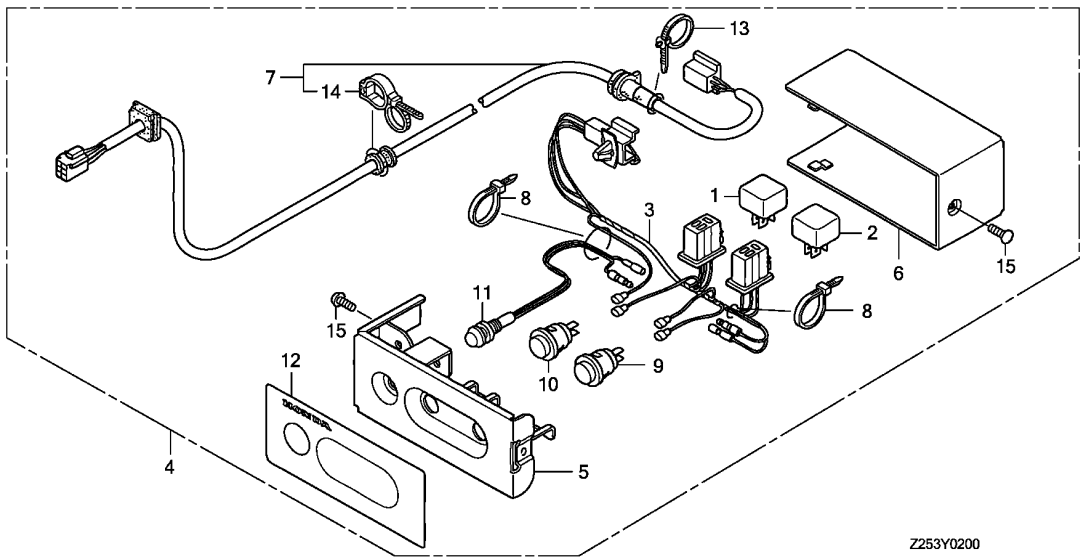
Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	32310-ZD8-F61	PLUG ASSY. (20A/250V) -------	2	-------- --------	R
2	32310-836-000	PLUG ASSY., CONSENT (15A/125V)	2	-------- --------	L
3	89216-Z25-000	WRENCH, BOX (P21X12) --------	1		
4	99005-01000	BAR A, HANDLE ----------	1		



Z253Y0100

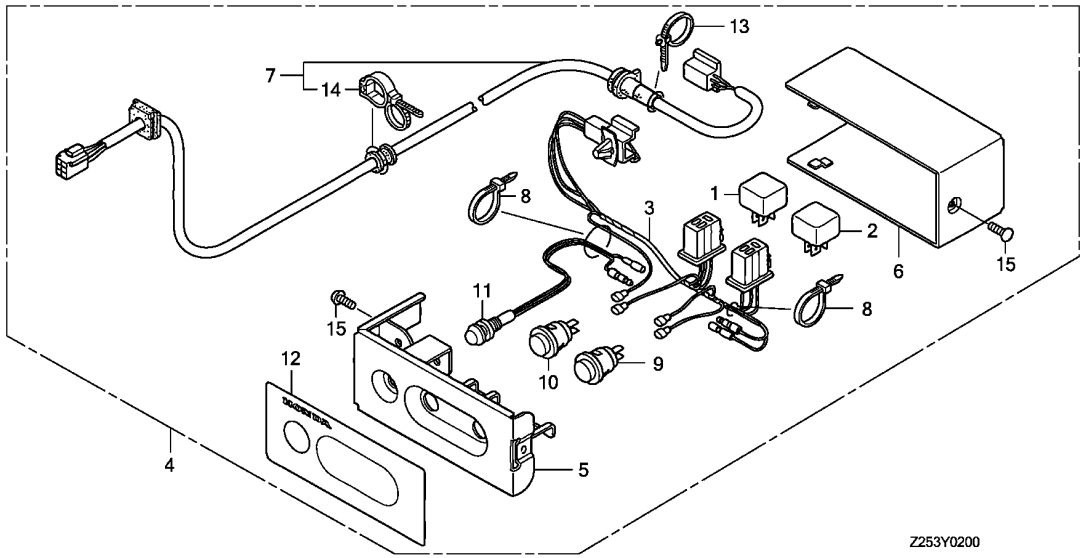
Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	4101U9	HANGER KIT	0.1

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	06531-Z11-E00ZA	HANGER KIT *NH105*...MAT BLACK (#15-#20)	(1)		
2	53150-Z11-E00ZA	HANGER COMP. *NH105*...MAT BLACK (#15-#20)	(1)		
3	53155-899-801	BRACKET, HANGER UPPER	(2)		
4	95701-08016-07	BOLT, FLANGE, 8X16	(4)		



Ref. No.	L.O.N.	(Relative ref. Number) Description	F.R.T.
1	6131B8	RECTIFIER, SILICON ----------	0.2
	6131B8A	.Replace one add ----------	0.1
2	6131C6	RECTIFIER, SILICON(A) --------	0.2
	6131C6A	.Replace one add ----------	0.1
3	6111E4	HARNESS, REMOTE CONTROL WIRE -	0.2
4	6221G8	BOX, REMOTE CONTROL ----------	0.1
7	6111A8	CABLE, REMOTE CONTROL --------	0.2
9	6151D9	SWITCH, ENGINE STOP ----------	0.2
10	6151F4	SWITCH, START ----------	0.2
11	6221Q4	LED ASSEMBLY ----------	0.2

Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
1	31700-MM8-610	RECTIFIER COMP., SILICON ----	(1)		
2	31700-196-000	RECTIFIER COMP., SILICON ----	(1)		
3	32140-Z22-800	HARNESS ASSY., REMOTE CONTROL	(1)		
4	32380-Z11-810ZA	BOX ASSY., REMOTE CONTROL (10M)			
		NH105...MAT BLACK (#15-#20)	(1)	-------- --------	L,R,U
	32380-Z11-820ZA	BOX ASSY., REMOTE CONTROL (20M)			
		NH105...MAT BLACK (#15-#20)	(1)	-------- --------	L,R,U
	32380-Z11-830ZA	BOX ASSY., REMOTE CONTROL (30M)			
		NH105...MAT BLACK (#15-#20)	(1)	-------- --------	L,R,U
	32380-Z11-870ZA	BOX ASSY., REMOTE CONTROL (20M)			
		NH105...MAT BLACK (#15-#20)	(1)	-------- --------	SK
	32380-Z11-880ZA	BOX ASSY., REMOTE CONTROL (30M)			
		NH105...MAT BLACK (#15-#20)	(1)	-------- --------	SK
5	32381-Z22-800ZA	PANEL, REMOTE CONTROL			
		NH105...MAT BLACK (#15-#20)	(1)		
6	32382-Z22-800ZA	COVER, REMOTE CONTROL			
		NH105...MAT BLACK (#15-#20)	(1)		
7	32520-Z11-800	CABLE ASSY., REMOTE CONTROL (10M)	(1)	-------- --------	L,R,U
	32520-Z11-810	CABLE ASSY., REMOTE CONTROL (20M)	(1)		
	32520-Z11-820	CABLE ASSY., REMOTE CONTROL (30M)	(1)		



Ref. No.	Part No.	Description	Reqd. QTY EU 65 iS	Serial No.	Parts catalogue code
8	32903-ZC8-N01	TIE, CABLE (C)	(2)		
9	35120-Z22-801	SWITCH COMP., ENGINE STOP	(1)		
10	35150-Z22-801	SWITCH COMP., START	(1)		
11	37570-Z22-A91	LED ASSY.	(1)		
12	87247-Z22-800	MARK, REMOTE CONTROL	(1)	-------- --------	L,R,U
	87247-Z11-870		(1)	-------- --------	SK
13	90615-PN3-003	BAND, HARNESS (NATURAL)(98MM)	(1)		
14	91558-SM4-003	CLIP, TUBE (BLACK)(135MM)	(1)		
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